GARMIN

Marine Navigation

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Welcome to Garmin®

Innovative, easy to use and stylish – the latest Garmin marine equipment has arrived. Discover a wide choice of products from VHF radio to xHD radar, touchscreen chartplotters to complete network systems.

Garmin designs and manufactures a diverse range of marine electronics and celebrated its 20th anniversary within the industry in 2009. With strong roots in marine and a passion for engineering, it is no wonder that Garmin is the global leader in satellite navigation.

Garmin – you'll be lost without it.

Garmin Marine Network

Powerful features, sleek design and more innovation than ever before – meet the new wave of marine electronics from Garmin. The growing Garmin chartplotter family with touchscreen technology makes navigation simple and intuitive whilst adding detail-rich satellite imagery, smooth graphics, fast chart redraw and 3D mapping when combined with BlueChart® g2 Vision® cartography.

New digital radar and sounders add even more depth to your marine adventures and Garmin's plug and play network provides easy connection to a whole array of remote sensors, datalinks, VHF and more – and all controlled directly from your chartplotter screen.

Dee Caffari MBE sails with Garmin

GARMIN MARINE NETWORK
MULTIFUNCTION NETWORK DISPLAYS
RADAR
INSTRUMENTS AND AUTOPILOTS
VHF
CHARTPLOTTERS AND FISHFINDERS
HYBRID GPS
HANDHELD GPS
CARTOGRAPHY
SPECIFICATIONS
ACCESSORIES

G Motion™ Multifunction Network Displays

FREE SOFTWARE UPDATES
SEE PAGE 47

Sunseeker Manhattan 63

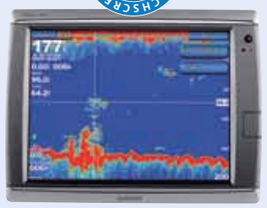
6000 and 7000 series with G Motion™

Our responsive chart-drawing technology **G Motion**™ gives smooth, lightening-fast pan, zoom and redraw. The 6000 series is operated by a soft-touch keypad, or choose the touchscreen 7000 series with intuitive menus and prompts for point-and-go navigation.

The innovative GPSMAP® 6000 and 7000 series chartplotters are bright, colourful and ultra-fast, powered by dual-processor technology.

Fully NMEA 0183 and 2000 compliant, the 6000 and 7000 series connect to a wide range of sensors, engines and Garmin marine instruments.

TOUCHSCREEN



15" GPSMAP® 7015

12" GPSMAP® 7012

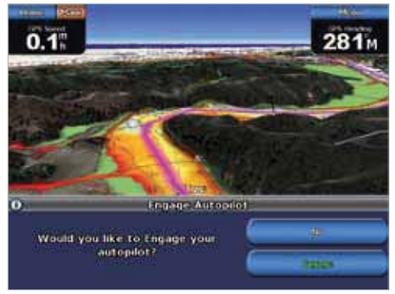
12" GPSMAP® 6012

8" GPSMAP® 6008

Homepage Menu
Simple and intuitive (5/7000 series).

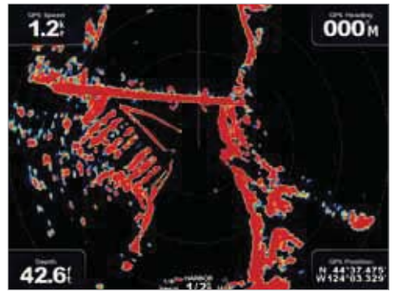
Simple Screen Interrogation
Touch the point you want to interrogate and a menu of possible options for that point are provided.

Auto Guidance in Mariners Eye 3D
Overlay chart and satellite imagery with high definition 3D graphics.



Auto Routing
Engage your Garmin pilot from your plotter screen.

Current Arrows
Animated current flow arrows display current speed and direction.



Multi-colour radar display
Up to 256 colour radar display with xHD open arrays and 6/7000 series plotter.

KEY FEATURES

- Easy-to-use touchscreen or soft-touch button control
- G Motion instant pan, zoom and redraw
- Preloaded worldwide satellite basemap
- Network ready, NMEA 0183 and 2000 compliant, compatible with radar, sonar, instruments and other displays
- Pair with the latest xHD radar technology for crisp, full-colour images and option for dual-range scales
- Full-screen video input display
- Rugged, waterproof design
- Choice of 15, 12.1 and 8.4-inch models in a low-profile casing

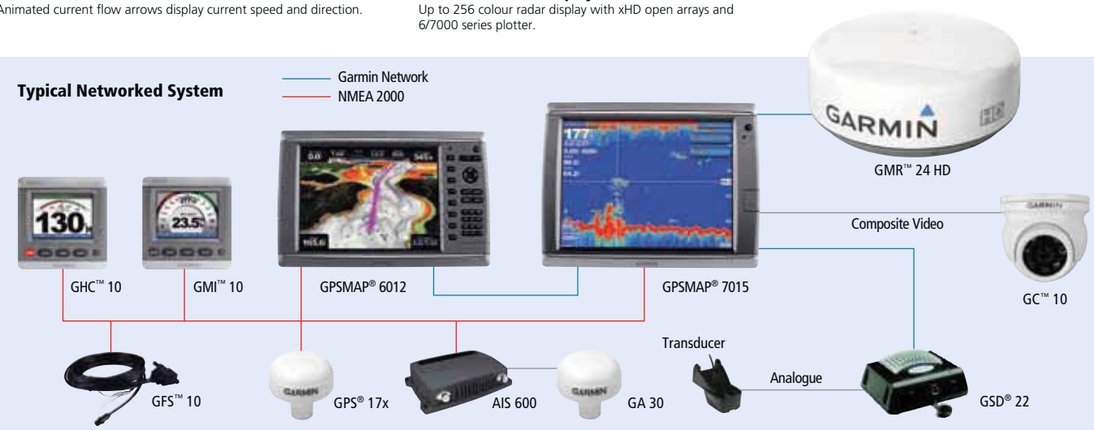
In the box

GPSMAP 6000/7000 series, flush mount, bail mount*, GPS 17x with pole mount adaptor, power cable, NMEA 0183 cable, NMEA 2000 drop cable, NMEA 2000 power cable, NMEA backbone cable 10m, NMEA 2000 T-connectors and terminators, video cable assembly, marine grommet kit, protective front cover, owners manual, installation instructions

*Not included with GPSMAP 7015

ADD EXTRA FUNCTIONALITY
SEE PAGE 34

Typical Networked System



Multifunction Network Displays

FREE SOFTWARE UPDATES
SEE PAGE 47

4000 and 5000 series

The popular GPSMAP® 4000 and 5000 series chartplotters are rugged and resilient, with a bright, high-resolution screen. Choose the 4000 series for a soft-touch keypad. For intuitive point-and-go navigation, the responsive touchscreen 5000 series brings menus and prompts controlled by the touch of your finger.

Fully NMEA 0183 and 2000 compliant, the 4000 and 5000 series connect to a wide range of sensors, engines and Garmin marine instruments.

TOUCHSCREEN

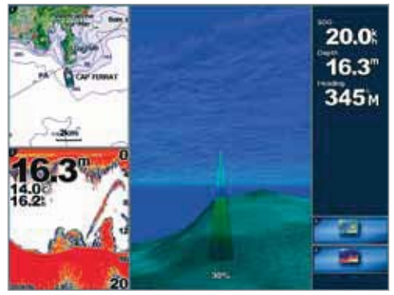
- 15" GPSMAP® 5015
- 12" GPSMAP® 5012
- 8" GPSMAP® 5008

- 12" GPSMAP® 4012
- 10" GPSMAP® 4010
- 8" GPSMAP® 4008

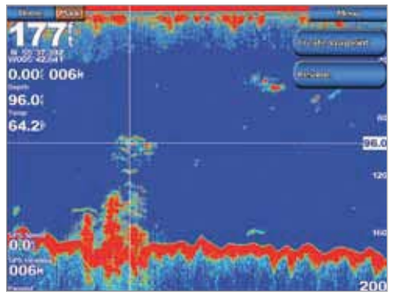
Intuitive Smart Menu
Soft keys make it quick and simple to get the most from your 4/6000 system.

Mariner's Eye 3D
High definition 3D graphics bring land and bottom contours to life.

Auto Guidance with Satellite Image Overlay
Combine high resolution satellite images over land or water cartography with auto guidance for simple, safe navigation.



Custom Combination
Combine your key pages of information on a single screen.



Waypoint creation from sonar page
Pause live sonar, create and save retrospective waypoints with optional GSD 22.

Aerial Photographs
Detailed high-resolution photographs of ports and harbours.

KEY FEATURES

- Easy-to-use touchscreen or soft-touch button control
- Preloaded worldwide satellite basemap
- Network ready, NMEA 0183 and 2000 compliant, compatible with radar, sonar, instruments and other displays
- Video input display
- Rugged, waterproof design
- GPS antenna included
- Optional wireless remote control
- Choice of 15, 12.1 and 8.4-inch models in a low-profile casing

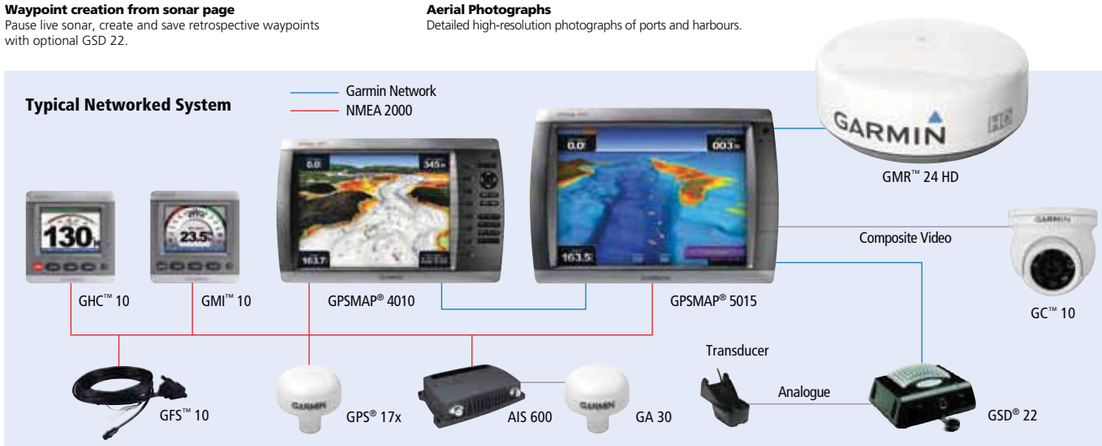
In the box

GPSMAP 4000/5000 series, flush mount, bail mount*, GPS 17x with pole mount adaptor, power cable, NMEA 0183 cable, video cable assembly, marine grommet kit, protective front cover, owners manual, installation instructions

*Not included with GPSMAP 5015

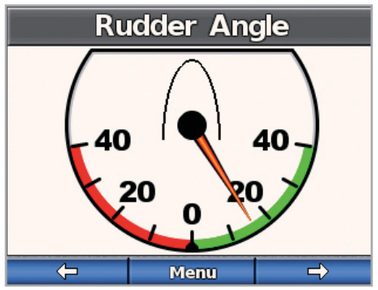
ADD EXTRA FUNCTIONALITY
SEE PAGE 34

Typical Networked System

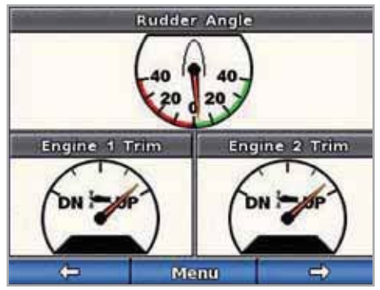


Network Accessories

Precise radar overlay with Garmin Marine Heading Sensor



GRA10 rudder angle displayed on GMI10



Rudder angle and engine trim positions displayed on GMI 10

NMEA Analogue Adapters

Discover the satisfaction of having the latest information close at hand on a versatile GMI 10 marine instrument. Whether you want to know the rudder angle, trim tab settings or how full your fuel tank is, you can have instant information at the touch of a button.

Garmin NMEA analogue adapters take a standard analogue signal and convert it to NMEA 2000 – no complicated wiring or coding required!

Garmin NMEA analogue adapters are available for the following sensors:

- GRA 10 – Rudder Angle
- GET 10 – Resistive Engine Tilt
- GFL 10 – Resistive Fluid Level
- GBT 10 – Bennett Trim Tab
- GST 10 – Water speed and Temperature
- Analogue to NMEA 2000 transducer adaptor

GC™ 10 Camera

Whether backing out of a busy marina or keeping tabs on your engine room, monitor areas inside and outside the boat while you're on the water. This resilient, discrete marine camera brings a live video feed to your on-board televisions, monitors or compatible chartplotters in any light conditions.

KEY FEATURES

- True day / night camera
- Automatically switches to infra-red
- Extremely durable anodised aluminium housing
- Standard & reverse image models available
- Sony Super HAD CCD camera
- Excellent low-light performance
- Effective pixels – 500 x 582 (PAL)
- Resolution – 480 TV lines
- Composite video output
- 12v DC

Marine Heading Sensor

Garmin's high speed Marine Heading Sensor enables accurate MARPA tracking and radar overlay on your Garmin chartplotter. In head-up mode your chartplotter screen moves smoothly to give a true 'virtual reality' experience. Supports both NMEA 0183 and NMEA 2000.

KEY FEATURES

- Fast, accurate heading information, better than 1° static heading
- 3-axis solid state compass, rate gyro and accelerometer
- Default heading output 10Hz for both NMEA 0183 and NMEA 2000 (up to 20Hz when used with NMEA 2000)
- Real-time movement when chartplotter used with head-up display

In the box
Marine Heading Sensor

Then select either:
NMEA 0183 cable 10m
NMEA 2000 cable 6m

AIS 300 and 600

Display AIS targets on your chartplotter

View targets in a list to review further information

Initiate a VHF call directly from your Garmin NMEA 2000 plotter and VHF

AIS 300

NEW

This black box AIS receiver integrates with a Garmin chartplotter and VHF radio to enable automatic AIS target calling and display AIS target data directly on the chartplotter screen. To ensure there's no loss of information, dual-channel monitoring enables independent observation of both AIS channels.

The AIS 300 receiver also includes Class A and Class B reception, which allows decoding of AIS traffic from commercial and leisure vessels. Additionally, the AIS 300 can further aid in collision avoidance by integrating a Closest Point of Approach (CPA) alarm when connected to a compatible chartplotter. Mariners can rest easy knowing they have visibility of all boat traffic around them.

KEY FEATURES

- Class B AIS receiver
- Built-in VHF splitter
- NMEA 2000 compliant – for easy installation
- Plug and play installation with Garmin VHF range
- Garmin's active splitter technology results in no loss of VHF signal
- Automatic AIS target calling via chartplotter with Garmin VHF
- Dual channel AIS receiver

In the box
AIS 300, power cable, mounting hardware, NMEA 2000 drop cable, T-connector and terminator, installation instructions.

AIS 600

The AIS 600 is a class B AIS transponder, ideal for leisure and light commercial boat use. The AIS 600 automatically transmits the position, heading and speed of your boat whilst allowing you to keep an eye on the progress of nearby vessels. With the built-in active aerial splitter, you can utilise your existing VHF antenna with the AIS 600.

The AIS 600 also employs ClearTrack™ technology, which ensures there's no interruption of AIS traffic position while the VHF radio is in use. In addition, the AIS 600 integrates with a Garmin chartplotter and VHF radio via NMEA 2000®, giving you the ability to initiate a call to any MMSI target directly from the chartplotter by selecting the 'call with radio' function.

KEY FEATURES

- Class B AIS transponder
- Built-in VHF splitter
- NMEA 2000 compliant – for easy installation
- Plug and play installation with Garmin VHF range
- Garmin's active splitter technology results in no loss of VHF signal
- Automatic AIS target calling via chartplotter with Garmin VHF
- Dual channel AIS receiver
- Patented ClearTrack™ technology for no loss of reception even when transmitting on VHF

In the box
AIS 600, power cable, SRM cable, mounting hardware, NMEA 2000 drop cable, GA 30, T-connector and terminator, installation instructions.

Garmin Radar Range

Rustler 44

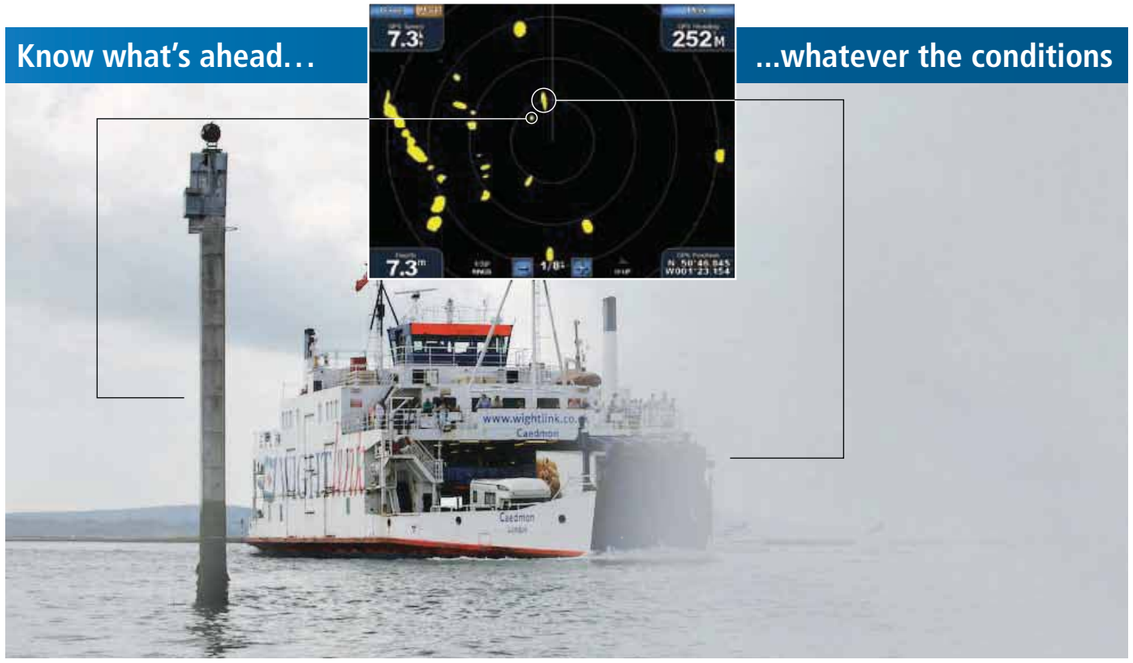
Fairline Boats Ltd

The Garmin radar range combines digital precision scanning with sharp detail and powerful transmitting power. Scan the seas and scrutinise the marine landscape with supreme accuracy. From High Definition radomes to xHD open array radar, Garmin has the radar for your needs.

Discover precise, easy to read radar images and the satisfaction of knowing that advanced signal processing allows for sharper discrimination of objects close up or far away.

Know what's ahead…

…whatever the conditions



GMR High Definition Radar

GMR™ 18 / 24 High Definition Radar

These digital radomes provide precise scanning and high level target detection.
With a 4kW transmitting force, interrogating radar returns has never been simpler.

KEY FEATURES

- 18 / 24 inch diameter radome
- 8.9 / 9.8 inches high
- 4 kW power output
- 24 or 30 RPM antenna rotation speed
- Weight 15.8 / 20.1 lbs
- GMR 18 HD: beam width 5.0˚ horizontal, 25˚ vertical
- GMR 24 HD: beam width 3.6˚ horizontal, 25˚ vertical
- Less than 5db receiver down converter noise
- Supports MARPA with optional heading sensor for collision avoidance
- 100 knot wind performance
- 10.5-35 vdc input voltage
- GMR 18 HD: range 36nm maximum / 20m (66ft) minimum
- GMR 24 HD: range 48nm maximum / 20m (66ft) minimum
- Waterproof IEC 60529 IPX7
- Two year warranty

In the box

GMR 18 / 24 HD, 15m power/marine network cable, mounting hardware kit, marine network cable connector kit, installation instructions

GMR™ 18

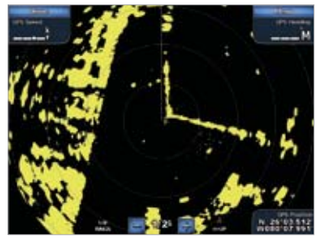
Digital marine radar with powerful scanning and the best target definition in its class.

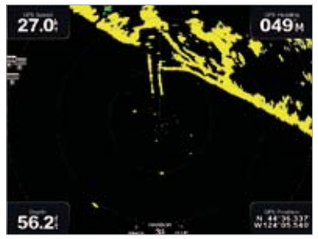
KEY FEATURES

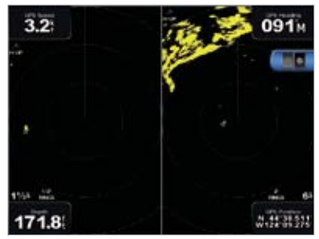
- 18 inch diameter radome
- 4kW power output
- Beam width 5.0˚ horizontal, 25˚ vertical
- Range 36nm
- Supports MARPA with optional heading sensor for collision avoidance

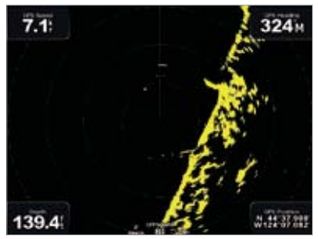
In the box

GMR 18, power cable, network cable, mounting hardware kit, installation instructions, marine network cable connector kit



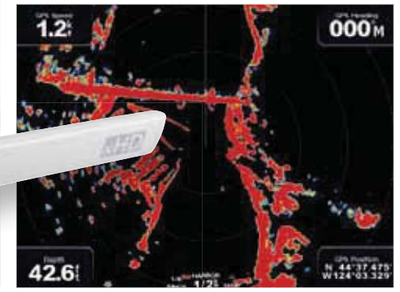






xHD Radar

NEW



NEW

The ultimate next generation radar, Garmin's xHD provides powerful 6kW or 12kW output to punch through even the worst conditions. Discover crisp, HD radar pictures and view two ranges simultaneously for serious marine navigation.

GMR™ 404 / 406 xHD

KEY FEATURES

- 4 kW X-band digital radar
- Range of 72nm maximum
- 24 or 48 RPM antenna rotation speed
- GMR 404: 4ft antenna, 1.8˚ beam width
- GMR 406: 6ft antenna, 1.18˚ beam width
- Network ready – Garmin chartplotter compatible
- Six pulse length/ PRF settings for optimal target return
- Supports MARPA with optional heading sensor

In the box

GMR 404 / 406 pedestal, marine network data card, 15m power cable, 15m network cable, carrying strap, voltage converter kit, field material kit, field install cable end kit, printed material kit.

* Choose either 4ft or 6ft open array sold separately.

GMR™ 604 / 606 xHD

KEY FEATURES

- 6kW power output
- GMR 604: 4ft antenna, 1.8˚ beam width
- GMR 606: 6ft antenna, 1.1˚ beam width
- 24 or 48 RPM antenna rotation speed
- Range of 72nm maximum
- Up to 8 times more sampling data than standard Garmin open array
- Dual range capability – view two independent radar ranges simultaneously on your Garmin network display
- Increased resolution

In the box

GMR 604 / 606, pedestal, marine network data card, 15m power cable, 15m network cable, carrying strap, voltage converter kit, field material kit, field install cable end kit, printed material kit.

* Choose either 4ft or 6ft open array sold separately.

GMR™ 1204 /1206 xHD

KEY FEATURES

- 12 kW power output
- GMR 1204: 4ft antenna, 1.8˚ beam width
- GMR 1206: 6ft antenna, 1.1˚ beam width
- 24 or 48 RPM antenna rotation speed
- Range of 72nm maximum
- Up to 8 times more sampling data than standard Garmin open array
- Dual range capability – view two independent radar ranges simultaneously on your Garmin network display
- 75% higher transmitter pulse rate – better detection of smaller objects at a longer range

In the box

GMR 1204 / 1206 pedestal, marine network data card, 15m power cable, 15m network cable, carrying strap, voltage converter kit, field material kit, field install cable end kit, printed material kit.

* Choose either 4ft or 6ft open array sold separately.

Colour Instrument

Pearl 60

GMI™ 10 Colour Instrument

The bright, full-colour GMI 10 instrument is the perfect companion to your chartplotter or multifunction unit. The easy-to-use display connects to a wide range of sensors and provides information in a clear format. Great for use as part of the Garmin network or as a standalone data display. With the GMI 10, you can decide how to view your data – choose from analogue gauges, digits or even historic graphs.

KEY FEATURES

- 4.3-inch bright full-colour display
- Multiple screen views
- NMEA 2000 compliant
- Supports a wide variety of sensors and GPS-led equipment
- Power directly by NMEA 2000

In the box

GMI 10 marine instrument, NMEA backbone cable

Selection of GMI™ 10 screens

Heading and speed – kts

Speed and fuel economy

Tank levels

Rudder angle

Navigation to waypoint

Engine screen

EXTERNAL SENSORS MAY BE REQUIRED

Wind Sensor and Mini Weather Station

Rustler 44

Garmin Hamble Winter Series

GWS™ 10 Wind Sensor

The GWS 10 wind sensor is more than an average anemometer - it is a mini weather station. Providing wind direction, speed, barometric pressure and air temperature data this unique sensor gives first class performance.

KEY FEATURES

- Wind speed range: 0-99knots
- Reports barometric pressure and air temperature data
- Provides extensive data – apparent wind angle, true wind angle, wind VMG, tack heading, ground wind, pressure, pressure trend, air temperature and drift.
- Smoothest graphical needle movement on the market today (10Hz wind direction output)
- Input voltage: 9-16V via NMEA 2000
- NMEA 2000 compliant

PACKAGES AVAILABLE:

GWS 10

In the box

GWS 10 wind sensor, mounting hardware, NMEA 2000 backbone cable, inline terminator, documentation.

GWS/GMI 10 Bundle

In the box

GWS 10 wind sensor, mounting hardware, NMEA backbone cable, inline terminator, GMI 10 marine instrument.

GWS/GMI 10/Triducer Bundle

In the box

GWS 10 wind sensor, mounting hardware, NMEA backbone cable, inline terminator, GMI 10 marine instrument, Airmar DST 800.

Wind / Weather Screens on GMI™ 10

Apparent wind direction and speed – kts

Apparent digital wind speed and direction

Apparent close hauled wind & speed – kts

Apparent wind speed trend graph

True wind direction and speed – kts

Barometric pressure graph

GHP™ 12 Introducing the NEW SailPilot

NEW

Sailors needing an extra set of hands when busy with sails, lines, winches, radios and other demands onboard can now let the GHP 12 sail autopilot take the helm - and take the strain of longer passage-making. Designed for 20- to 70-foot sailboats with wheel steering systems, this below-deck autopilot system is simple to use and controlled using the full-colour GHC display.

When interfaced with the boat's wind sensor, GPS and network electronics, this sailpilot supports workload-saving features such as heading hold, wind hold, step turns, auto tack/gybe, route following and more. Built-in rate gyro compass maintains precise turn response and control stability, while NMEA connectivity ensures ease of installation and network access to autopilot heading data.

KEY FEATURES

- Two linear drives available for sailboat applications
- Linear drive 1 for sailboats with up to 28,680lbs displacement (13 tonnes)
- Linear drive 2 for sailboats with up to 79,168lbs displacement (36 tonnes)
- Supports all Garmin autopilot features including heading hold, wind hold, step turns, tack/gybe functions and GPS routing
- Controlled via the full-colour Garmin GHC 10 display
- Capable of working on 12V and 24V systems (28V max input voltage)
- NMEA 2000 certified for ease of installation and configuration

STEP 1

GHP™ 12 SailPilot Core Pack

SailPilot for hydraulic steering, designed using aerospace technology and a rate gyro as standard.

KEY FEATURES

- Support for sail-oriented autopilot functions, including heading hold, hold, step turns, tack/jibe, MFD route following, and more
- **Auto Routing** when linked to Garmin plotters. Simply select your destination and the Garmin Autoroute function will plan the route, link to the pilot and take you safely to your destination
- Easy to use with on screen prompts, **"Autopilot Engaged"** or **"You Have The Helm"**
- Core pack includes one super bright GHC 10 control unit for simple set-up and control – second station units available separately
- CCU includes Rate gyro as standard which provides excellent course keeping and safe, controlled turns at any speed
- No Rudder feedback sensor required making an easier installation
- Enables MARPA & radar/chart overlay when linked to Garmin plotters
- NMEA 0183 and NMEA 2000
- Energy-efficient operation with 12- or 24-volt electrical systems

In the box

GHC 10 helm control unit, Electronic control unit (ECU), Course compass unit (CCU), CCU/ECU interconnect cable, buzzer, ECU power cable, NMEA drop cable, NMEA 2000 T-connector, documentation

STEP 2

Select the right linear drive for your boat

Linear Drive 1

The linear drive is a strong and compact autopilot built for 24 hours per day continuous operation with a total weight of only 6,6 Kgs. The combination of the flat wound (pancake) electric motor with the ultra efficient planetary gearbox results in an extremely efficient drive unit to keep the battery charging time to the minimum.

The drive can be used on boats upto 13 tonnes (28,680lbs), equipped with a mechanical steering system that can be back driven. The direct drive drives the rudder via the existing tiller arm or quadrant or via an independent tiller arm.

Linear Drive 2

For marine applications these systems are designed for 'under deck' installations. For boats up to 35 tonnes (79,168lbs) the larger drive unit is a hydraulic cylinder with clutch, reversing pump and reservoir all in a compact installation. The solenoid clutch is engaged to extend or retract the rod with the cylinder and its mountings are protected by integral relief valves.

For a complete selection guide visit Garmin.co.uk. Please check with your installing dealer for requirements to fit your boat.

AUTOPILOT OPTIONS

GHC™ 10 Autopilot Control Unit for a second station / flybridge

Autopilot control unit with clear on-screen status confirmation is easy to use and works perfectly as part of the Garmin marine network.

- Super bright, high contrast LCD display
- Clear status confirmation – "Autopilot Engaged" and "You Have The Helm"
- Easy to use, clear displays, simple menus
- Dedicated standby and power button
- Waterproof to IPX 7
- NMEA 2000 and NMEA 0183 compliant

In the box

GHC10 Autopilot control unit

GHC™ 10 Remote Pilot Control

- RF design works well in any environment
- Digital display allows the user to see Autopilot status
- Dedicated Engage/Standby key
- Programmable dodge keys for single, or multiple degrees of turn
- Three selectable "short cut" keys
- MOB key
- Lock key prevents accidental activation of any command

In the box

GHC 10 Remote Control, Two GHC 10 Remote Control Cradles, Four Cradle Mounting Screws, Belt Clip Button, Neck Lanyard

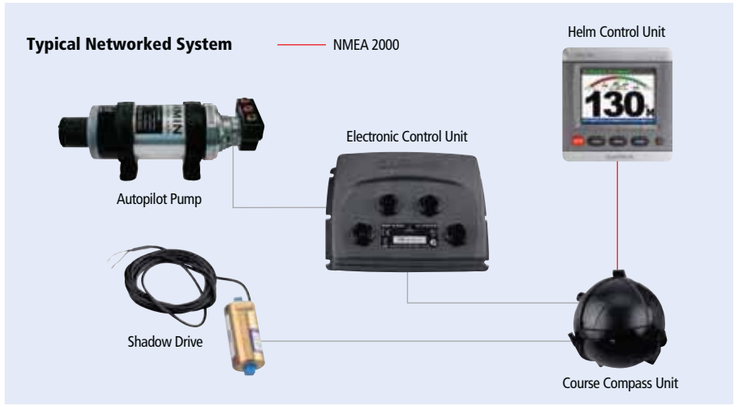
GHP™ 10 Autopilot with Shadow Drive™ Technology

Fairline Boats Ltd

Fairline Boats Ltd

For powerboat owners who demand the ultimate in control and performance, Garmin's GHP 10 autopilot is the only choice. Patented **Shadow Drive Technology** lets you take the wheel at any time without having to press buttons or disengage the pilot first. This makes dodging obstacles such as lobster pots, or making course changes quick, easy and safe. As soon as you are back on course, simply let go of the wheel and the autopilot takes over. So you steer when you want to, and the pilot steers when you don't. Based on a proven autopilot designed using aerospace technology and a rate gyro as standard, the GHP 10 delivers excellent course keeping, with smooth turns at any speed.

Purchase the autopilot core pack then select the right pump for your boat.



GPS Steering menu

Autopilot engaged

Heading

Man overboard

STEP 1

GHP™ 10 Autopilot Core Pack

Autopilot for hydraulic steering, designed using aerospace technology and a rate gyro as standard.

KEY FEATURES

- Patented **"Shadow Drive"** releases control to manual steering at the touch of the wheel, once the wheel is released the pilot automatically re-engages
- **Auto Routing** when linked to Garmin plotters. Simply select your destination and the Garmin Autoroute function will plan the route, link to the pilot and take you safely to your destination
- Easy to use with on screen prompts, **"Autopilot Engaged"** or **"You Have The Helm"**
- Core pack includes one super bright GHC 10 control unit for simple set-up and control – second station units available separately
- CCU includes Rate gyro as standard which provides excellent course keeping and safe, controlled turns at any speed
- Custom steering patterns for fishing, search and Man Overboard manoeuvre
- Auto compensates for unbalanced engine RPM, even loss of one engine, with no loss of steering performance
- No Rudder feedback sensor required making an easier installation
- Enables MARPA & radar/chart overlay when linked to Garmin plotters
- Energy-efficient operation with 12- or 24-volt electrical systems
- NMEA 0183 and NMEA 2000

In the box

GHC 10 helm control unit, Electronic control unit (ECU), Course compass unit (CCU), Shadow Drive™, CCU/ECU interconnect cable, buzzer, ECU power cable, NMEA drop cable, NMEA 2000 T-connector, documentation

Volvo Penta IPS steering systems

GHP™ 10V IPS Marine Autopilot System

In the box GHC 10 helm control display, Course computer unit (CCU), Volvo IPS Gateway, CCU/Gateway cable, buzzer, NMEA 2000 drop cable, NMEA 2000 t-connetor, documentation

STEP 2

Select the right pump for your boat

1.2 litre Pump Kit

Hydraulic steering systems with a steering ram size less than 164cc and a total engine horsepower of less than 400HP or liquid tie bars. Verado installations up to 164cc with single engines, less than 400HP, or liquid tie bars.

NOTE: 1) Unbalanced steering systems will also require an unbalanced valve kit for the pump 2) Verado Outboards will require a verado adapter kit, check valve kit, and isolation hose kit.

2 litre Pump Kit

Hydraulic steering systems with a steering ram size between 164cc and 400cc and a total engine horsepower of less than 400HP. Do not use on Verado installations.

NOTE: Unbalanced steering systems require an unbalanced valve kit for the pump.

2.1 litre Pump kit

Hydraulic steering systems with a steering ram size between 164cc and 400cc. Verado installations with 164cc to 400cc steering rams or greater than 400HP.

NOTE: 1) Verado outboards require a Verado adaptor and fittings kit and Verado. 2) Garmin pumps are not suitable for steering systems using steering rams over 400cc.

For a complete selection guide visit Garmin.com. Please check with your installing dealer for requirements to fit your boat.

AUTOPILOT OPTIONS

GHC™ 10 Autopilot Control Unit for a second station / flybridge

Autopilot control unit with clear on-screen status confirmation is easy to use and works perfectly as part of the Garmin marine network.

- Super bright, high contrast LCD display
- Clear status confirmation – "Autopilot Engaged" and "You Have The Helm"
- Easy to use, clear displays, simple menus
- Dedicated standby and power button
- Waterproof to IPX 7
- NMEA 2000 and NMEA 0183 compliant

In the box

GHC10 Autopilot control unit

GHC™ 10 Remote Pilot Control

- RF design works well in any environment
- Digital display allows the user to see Autopilot status
- Dedicated Engage/Standby key
- Programmable dodge keys for single, or multiple degrees of turn
- Three selectable "short cut" keys
- MOB key
- Lock key prevents accidental activation of any command

In the box

GHC 10 Remote Control, Two GHC 10 Remote Control Cradles, Four Cradle Mounting Screws, Belt Clip Button, Neck Lanyard

Garmin VHF Radio

Cobra Ribs

When you're out in the elements, a communications lifeline you can trust is critical. Garmin's rugged, submersible marine VHF transceivers combine up to 25 watts of selectable transmit power, exceptional noise suppression and DSC functionality into a compact fixed mount radio.

GHS 10i Wired Mic

GHS 10i Wired / 20i Wireless Mic

NEW

Use all VHF functions from anywhere on board.

The wireless remote-mount GHS 20i has a built-in LCD display and soft keys right on the handset, giving you full control of your compatible Garmin VHF radio from any location onboard the boat. A rotary knob adjusts volume, squelch and channel selection, making this rugged, waterproof mic incredibly simple to use. The included GWH 20 (included in the Bundles only) acts as the wireless hub which is wired directly to the VHF radio. The GHS 20/20i is compatible with the VHF 300i / 300i AIS series and VHF 200i series.

KEY FEATURES

- Full function wireless handset – full VHF control from anywhere on the boat
- For use with both VHF 200i and 300i
- Rechargeable Lithium Ion battery - simply clip into mount to autocharge
- Built in DSC Distress calling capability
- Built in speaker mic for loud environments
- Intercom capabilities – acts as a walky-talky on the boat
- Built-in LCD display
- 16+ button on GHS 20i
- GWH 20 supports up to 3 GHS 20i mics
- Waterproof to IPX7

GHS 20i Wireless Mic

PACKAGES AVAILABLE:

GHS 10i
In the box
GHS 10i, deck cable (10 metre), mic hanger, Mounting hardware, documentation

GHS 20i and GWH 20
In the box
GHS 20i, GWH 20, charging cradle, belt clip, wrist lanyard, mounting hardware, documentation

GHS 20i with cradle
In the box
GHS 20i, charging cradle, belt clip, wrist lanyard, mounting hardware, documentation

VHF Radio Base Units

VHF 100i / 200i

Soft keys link to onscreen menus to give easy access to radio controls and functions – send instant DSC distress calls at the push of a button.

KEY FEATURES

- 3.2 inch display with adjustable backlight
- Built-in DSC receiver for full class D Digital Selective Calling capability
- Locate and monitor up to three other boats using position tracking
- Up to 25 Watts of transmitting power
- Programmable international channels
- Waterproof to IPX7
- Dedicated distress button to channel 16
- ATIS support and private channel customisation
- Local receiver mode for busy port environments
- NMEA 0183 compliant (100i + 200i), NMEA 2000 compliant (200i)
- VHF 200i: Ability to add a second station with a GHS 10i
- VHF 200i: 20W hailer/foghorn output has adjustable base fog frequencies and also acts as two way hailer when connected to compatible horn speaker
- VHF 200i: Multi-language interface, calls can be initiated from 4/5/6/7000 series chartplotters

In the box

VHF100i speaker and mic/ VHF 200i removable speaker and mic, power cable, Hailer/NMEA 0183 cable (200i), bail mounting kit, flush mount gasket, marine mounting hardware, mic hanger, protective cover, owner's manual, quick reference guide, installation instructions

VHF 300i / 300i AIS

Garmin's VHF 300i flagship marine radio has a space saving black box system and provides support for up to three GHS 10i handset stations. With the VHF 300i AIS, Automatic Identification System information is received via both a class A and Class B receiver.

KEY FEATURES

- Full class D Digital Selective calling (DSC)
- Up to 25W of transmit power
- 20W hailer function
- Position tracking
- Dedicated channel 16 distress button
- Fog horn capabilities
- NMEA 0183 and 2000 compliant
- Compatible with Garmin network chartplotters – use DSC and AIS from screen.
- Waterproof to IPX7
- 300i AIS includes AIS receiver

In the box

VHF 300i black box, Power cable, hailer/NMEA 0183 cable, mic hanger, GHS 10i mic, active speaker, owners manual, quick reference guide

	VHF 100i	VHF 200i	VHF 300i	VHF 300i AIS
Extra-large 3.2" full dot matrix display	•	•		
Class D DSC capable	•	•	•	•
Position tracking	•	•	•	•
Position request	•	•	•	•
Up to 25 watts of transmit power	•	•	•	•
Dedicated Channel 16 button	•	•	•	•
Fog horn capabilities	•	•	•	•
ATIS capable	•	•	•	•
NMEA 0183 interface	•	•	•	•
NMEA 2000 interface		•	•	•
Hardwired speaker/mic	•			
Speaker/mic relocation capability		•	•	•
Supports GHS 10i Wired Mic		•	•	•
Supports GHS 20i Wireless Mic		•	•	•
20W hailer function		•	•	•
Intercom capabilities		•	•	•
In-built AIS receiver				•
In-built aerial splitter				•

Standalone Chartplotters

FREE SOFTWARE UPDATES
SEE PAGE 47

GPSMAP® 750 / 750s

This slick 7-inch touchscreen chartplotter brings the power of a network system MFD to a smaller footprint. Preloaded with UK and Ireland mapping and with an integrated high-sensitivity GPS receiver, the GPSMAP® 750(s) has a high-speed processor for exceptional redraw, zoom and refresh rates. The elegant widescreen display enables excellent split-screen applications for viewing data from various sensors, engines and marine instruments and a built-in Ethernet port interfaces with our radar antenna.* 'S' models have an integrated 1kW capable sonar. Now also supports radar overlay.

KEY FEATURES

- Preloaded UK & Ireland marine chart
- 7-inch widescreen-format WVGA touchscreen display
- Built-in high-sensitivity GPS receiver
- Integrated 1kW capable sonar (s models)
- Ethernet port for easy interfacing with Garmin radar*
- High-speed processor for exceptional redraw, zoom and refresh rates
- NMEA 0183 and 2000 compliant, compatible with radar, sonar and Garmin instruments

In the box

GPSMAP® 750(s) unit, Bail mount with knobs, Power/data cable ('s' models add sonar), threaded, 19-pin connector, Protective cover, Top and bottom snap covers

ADD EXTRA FUNCTIONALITY
SEE PAGE 34

*does not support MARPA

Standalone Chartplotters

FREE SOFTWARE UPDATES
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GPSMAP® 556(s)

Whether you're looking to enjoy a day out boating or you're after the one that got away, the GPSMAP 556(s) offers the brightest, sharpest graphics seen on a 5-inch screen. Preloaded UK and Ireland mapping combines with fast redraw rates and an easy to use interface.

KEY FEATURES

- 5-inch bright colour VGA display
- Preloaded UK & Ireland marine chart
- Built-in GPS antenna
- Supports AIS and DSC
- NMEA 2000 and 0183 compliant
- GPSMAP 556s: powerful 1KW sounder, up to 2000 ft (610m) depth
- SD slot allows upgrade to BlueChart g2 Vision cartography
- Waterproof to IPX7

In the box

GPSMAP 556(s), protective cover, Tilt/swivel mount, cables, owner's manual

ADD EXTRA FUNCTIONALITY
SEE PAGE 34

Standalone Chartplotters

NEW

FREE SOFTWARE UPDATES
SEE PAGE 47

Falcon Inflatables

Ribquest

PRELOADED UK AND IRELAND CHARTS

GPSMAP® 451(s) / 551(s)

For boaters who want a compact chartplotter that is ready to launch straight out of the box. The GPSMAP 451(s) and 551(s) series are easy to use and come with preloaded UK and Ireland mapping – perfect for those who want fuss-free navigation.

KEY FEATURES

- Worldwide satellite imagery basemap
- Preloaded UK & Ireland marine chart
- Built-in GPS antenna
- GPSMAP 451(s): 4-inch, bright, QVGA display
- GPSMAP 551(s): 5-inch, bright, QVGA display
- Supports AIS and DSC
- GPSMAP 451s and 551s: built-in sounder
- S models scan up to 1500ft (457m)*
- NMEA 2000 and 0183 compliant
- Waterproof to IPX7

* With optional dual frequency transducer

In the box

GPSMAP 451(s) / GPSMAP 551(s), protective cover, Tilt/swivel mount, power cable, owner's manual

g2 VISION ADD EXTRA FUNCTIONALITY
SEE PAGE 34

Garmin echo fishfinders

Combining easy setup and operation with robust performance and Garmin's new enhanced HD-ID target tracking technology, these affordable sonar systems come with everything you need – including a free trolling motor transducer mount – to make great fishing simple. You'll get clear, concise target imaging and bottom tracking. And you simply won't find a better fishfinder value for the money.

echo™ Fishfinder Series

FREE SOFTWARE UPDATES
SEE PAGE 47

echo 550C

- The premier hi-res colour fishfinder in Garmin's Echo™ lineup
- Combines a video-quality 640 x 480 pixel 5-inch VGA screen with powerful sonar transmitter and extra-sensitive Garmin fish targeting technology
- Offers excellent fish arch display and bottom tracking
- Dual frequency (200/77 kHz) capable
- Dual beam transducer gives optimum deep or shallow water performance – up to 120 degrees of effective fish scanning area
- Scans depths to 600 metres
- Includes quick release tilt/swivel mount, transducer, trolling motor clamp and transom mount

In the box

- echo 550C
- Quick release mount with tilt and swivel
- Power cable with fuse
- Transducer w/ mounting bracket, hardware and trolling motor clamp
- Documentation

echo 500C

- A premium colour fishfinder at a surprisingly affordable price
- Features big, bright 5-inch dia. QVGA colour display
- Powerful sonar transmitter scans depths to 600 metres
- Dual frequency (200/77 kHz) capable
- Dual beam gives optimum transducer performance for deep or shallow water – offering wide coverage for up to 120 degrees of fish scanning area
- Excellent fish target tracking and bottom profiles
- Includes quick-release tilt/swivel mount, transducer, trolling motor clamp and transom mount

In the box

- echo 500C
- Quick release mount with tilt and swivel
- Power cable with fuse
- Transducer w/ mounting bracket, hardware and trolling motor clamp
- Documentation

echo 300C

- Value-priced colour sonar, ideal for freshwater fishing
- Bright, sunlight-readable 3.5-inch dia. TFT colour display
- Dual frequency (200/77 kHz) capable
- Dual beam transducer gives optimum deep or shallow water performance – up to 120 degrees of effective fish scanning area
- Clearly separates fish from thermoclines and structure
- Depths to 450 metres
- Includes tilt/swivel mount, transducer, trolling motor clamp and transom mount

In the box

- echo 300C
- Quick release mount with tilt and swivel
- Power cable with fuse
- Transducer w/ mounting bracket, hardware and trolling motor clamp
- Documentation

echo™ Fishfinder Series

FREE SOFTWARE UPDATES
SEE PAGE 47

echo 200

- Big screen, big performance, not-so-big price: That's the formula for great fishing
- 5-inch, 16-level FSTN greyscale display
- Dual frequency (200/77 kHz) capable
- Fast screen updates
- Dual-beam transducer operation for shallow or deep water performance – up to 120 degrees of effective fish scanning area
- Excellent fish arch presentation and bottom tracking
- Sonar depths to 450 metres
- Includes quick-release tilt/swivel mount, transducer, trolling motor clamp and transom mount

In the box

- echo 200
- Quick release mount with tilt and swivel
- Power cable with fuse
- Transducer w/ mounting bracket, hardware and trolling motor clamp
- Documentation

echo 150

- Compact, easy-to-use dual-beam (200/77 kHz) sonar offers solid performance at a value price
- Sharp 4-inch dia. FSTN 8-level greyscale display
- Dual-beam transducer operation for shallow or deep water performance – up to 120 degrees of effective fish scanning area
- Sonar depths to 400 metres
- Tilt/swivel mount, transducer, trolling motor clamp and transom mount included

In the box

- echo 150
- Quick release mount with tilt and swivel
- Power cable with fuse
- Transducer w/ mounting bracket, hardware and trolling motor clamp
- Documentation

echo 100

- Affordable, entry-level single-beam (200 kHz) fishfinder
- Compact design easily fits smaller boats
- 4-inch dia. FSTN 8-level greyscale display
- Fast screen updates
- Beam width to 60 degrees
- Sonar depths to 200 metres
- Includes tilt/swivel mount, transducer, trolling motor clamp and transom mount

In the box

- echo 100
- Quick release mount with tilt and swivel
- Power cable with fuse
- Transducer w/ mounting bracket, hardware and trolling motor clamp
- Documentation

Fixed GPS

FREE SOFTWARE UPDATES
SEE PAGE 47

Rustler 44

Cobra Ribs

Redbay Boats Ltd

GPS 152H

A Garmin favourite, the GPS 152H offers an in-built GPS receiver and basic marine navigation with a high contrast display.

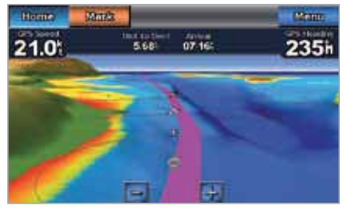
- Simple to use keyboard
- 20 reversible routes
- Automatic track log
- Trip computer
- Current and average speeds
- Sunrise/sunset times
- Trip timer
- Distance information
- Waterproof to IPX7
- Internal GPS antenna and connection for optional external antenna

Portable Navigation

FREE SOFTWARE UPDATES
SEE PAGE 47

GPSMAP® 620 and nüvi® 550

Navigate on land and sea with our powerful, portable chartplotter navigators. The GPSMAP® 620 has a dazzling 5.2-inch touchscreen display for easy marine navigation without compromise. Add optional BlueChart® g2 Vision cartography for comprehensive marine mapping and 3D views above and below the waterline. Plug in optional City Navigator NT street maps for turn-by-turn navigation on dry land. The versatile nüvi® 550 sat nav with 3.5-inch display has preloaded street maps. Take it on the water with optional BlueChart g2 as a practical, portable mini plotter.



KEY FEATURES

GPSMAP® 620

- Ultra bright 5.2-inch WVGA touchscreen display
- Intelligent mount - unit recognises whether it is in marine or automotive use
- NMEA 0183 compliant
- DSC & AIS support (with 38.4K baud serial)
- Turn-by-turn road directions with voice guidance
- Waterproof to IPX7

In the box

GPSMAP 620, Lithium-ion battery pack, marine mount with power/data cable, AC charger, USB cable, protective cover, owner's manual, quick reference guide, installation instructions

Flush mount version available.

nüvi® 550

- Bright 3.5-inch full colour touchscreen
- Preloaded full European Street maps
- Dedicated marine mode with optional marine mount
- Spot soundings, tides, currents, wrecks, port plans, restricted areas (with optional g2 mapping)
- Waterproof to IPX7

In the box

nüvi 550, preloaded City Navigator NT Europe, Lithium-ion battery, vehicle suction cup mount, vehicle power cable, dashboard disc, quick start manual

Handheld GPS

GPSmap® 78 / 78S

Comprehensive handheld GPS navigator for land and water. With optional g2 cartography you can display marine charting, navigation aids, wrecks, port plans, tides and currents.

In the box

GPSMAP 78/78S, 128 MB microSD card, USB cable, MapSource Trip & Waypoint Manager, Wrist strap, owner's manual, quick reference guide

KEY FEATURES

NEW

- High sensitivity GPS receiver
- GPSMAP 78S: Electronic compass
- GPSMAP 78S: Barometric altimeter
- Colour TFT display
- Expandable memory with microSD slot
- Waterproof to IPX7

GPS 72H

Large screen handheld GPS device with easy to use buttons and sharp display.

In the box

GPS 72H, marine database, Wrist strap, owner's manual, quick start guide

KEY FEATURES

NEW

- High sensitivity GPS receiver
- Waterproof to IPX7
- 4-level greyscale LCD display
- 2.7-inch screen
- 16 hour battery life (2 x AA)
- Floats
- Hunt/fish & sun/moon calendar

eTrex® H and GPSmap® 62

Basic GPS handhelds, perfect for marking waypoints and finding your position on land or at sea.

In the box

GPSmap 62, database: Worldwide City Point, MapSource Trip & Waypoint Manager CD, USB cable, Wrist strap, Belt clip with button, owner's manual, quick start guide

KEY FEATURES

- High sensitivity (eTrex H)
- Rugged 4-level greyscale LCD display
- Waterproof to IPX7
- LED backlight
- eTrex H: 17 hour battery life (2 x AA)
- GPSmap 62: up to 20 hour battery life
- eTrex H: Stores up to 500 waypoints
- Hunt/fish & sun/moon calendar

Foretrex® 301 and 401

Wrist-mounted GPS navigators for up-to-the-minute information on the go. No need to use both hands to operate this device – perfect for those who own smaller boats and dinghies.

In the box

Foretrex 301 / 401, wrist expansion strap, USB cable, quick start manual, owner's manual

KEY FEATURES

- High sensitivity receiver
- Waterproof to IPX7
- Foretrex 401: Electronic compass, barometric altimeter
- 17 hour battery life (2 x AAA)
- LCD screen
- Stores up to 500 waypoints

Touchscreen Handheld GPS

Oregon® series

Lightweight, palm-sized handheld GPS with all the benefits of touchscreen technology. The Oregon series is the next generation in handheld devices, with selected models offering preloaded topographic wordwide basemaps, BlueChart g2 compatibility and an easy to use interface.

In the box

Oregon 450 / 450t / 550 / 550t, Carabiner clip, USB cable, Quick start guide, owner's manual

KEY FEATURES

- 3-inch full colour TFT touchscreen display
- HotFix™ High sensitivity GPS receiver
- Rugged and waterproof to IPX7
- 16 hours of battery life (2 x AA)
- Stores up to 1000 waypoints
- 3-axis electronic compass (300/400t/550)
- Barometric altimeter (300/400t/550)
- Tide tables
- Built in 3.2MP camera (550/t)

Dakota™ 10 / 20

Entry level touchscreen handheld, high sensitivity GPS navigators, lightweight and rugged. All Dakota devices include a worldwide basemap and feature a bright, full colour touchscreen for simple menu navigation.

In the box

Dakota 10 /20, USB cable, lanyard, Quick start manual, owner's manual

KEY FEATURES

- 2.6-inch full colour TFT touchscreen display
- HotFix™ high sensitivity GPS receiver
- Rugged and waterproof to IPX7
- 3-axis electronic compass (Dakota 20)
- Barometric altimeter (Dakota 20)
- 20 hours of battery life (2 x AA)
- Stores up to 1000 waypoints
- Tide tables

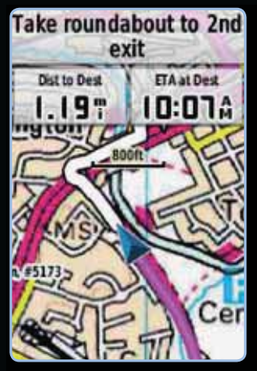
Garmin GB Discoverer™ or Garmin Eire Discoverer™

Enabled by Ordnance Survey®

The traditional look and feel of the Ordnance Survey map details complements Garmin topographic maps' dynamic search. Use Garmin to search, select and navigate to points of interest and street addresses, and follow the route on foot, in car or by bike on the Ordnance Survey map backdrop.

Full 1:50K Ordnance Survey GB mapping

Points of interest and address search



Turn by turn directions by bike or in-car

OS Explorer® 1:25K and Landranger® 1:50K mapping

Compatible with:
Dakota 20,
Oregon Series
GPSmap 62 Series
GPSmap 78 Series

Garmin Marine Cartography

BlueChart® cartography is Garmin's exclusive marine cartography. It complements Garmin's line of handheld mapping products and marine chartplotters. This line of cartography products is designed to provide interactive viewing of detailed nautical chart data, thereby providing navigators with innovative object-oriented cartography. These detailed electronic nautical charts look just like paper charts when displayed on your Garmin chartplotter. Descriptive details for features typically found on nautical charts can easily be viewed with a simple key press. Cursor movements over the chart provide descriptions for contour depths, chart number, navaid name, and much more.

FEATURES	BlueChart g2	BlueChart g2 Vision
Seamless chart presentation	•	•
Vector object orientated data	•	•
Shaded depth contours and inter-tidal zones with spot soundings	•	•
Port plans	•	•
Tidal stations for selected countries	•	•
Aids to navigation with view range and coverage including light sectors information	•	•
Wrecks, restricted areas, anchorages, obstructions	•	•
Tidal current graphs	•	•
2D or 3D map perspective view	•	•
Marina points of interest and slipways	•	•
Full Bathymetric Fishing charts providing detailed contours	•	•
Full colour aerial photos of ports, marinas, bridges and navigational landmarks		•
Detailed coastal roads up to five miles inland (non-routable)		•
Points of interest such as restaurants, lodging, entertainment and more		•
Realistic "view from space" high-resolution satellite imagery		•
True 3D-view "mariner's eye" above-waterline imagery		•
"Fish eye" 3D-view below-waterline imagery		•
Auto Guidance technology to suggest best passages		•
Tidal current flow overlay		•
BLUECHART COMPATIBILITY		
GPSMAP 192, 198, 276, 278, 292, 298, 2100 Series, 3000 Series, 60CX/CSX, 76CX/CSX	Recommended	
Colorado, Oregon Series, Dakota 20, nuvi 500 Series, 62S/ST, 78/S	Recommended	Compatible
GPSMAP 450/451, 550/551, 555/556, 600 Series, 750, 4000 Series, 5000 Series, 6000 Series, 7000 Series	Compatible	Recommended
MEDIA FORMATS		
Pre-programmed MicroSD™/SD™ Cards	•	•
Garmin Data Cards	•	

Satellite Image Overlay
Combine high-resolution satellite images over land or water cartography for a clear view of your surroundings.

Current Arrows
Animated current flow arrows display current and speed.

Aerial Photographs
Detailed high-resolution photographs of ports and harbours.

BlueChart® g2

g2 BlueChart mapping features smooth layering and seamless integration of map graphics for easy panning, scrolling and zooming. With rich colours and shading for easy interpretation and clear visibility, this marine charting offers comprehensive IALA navaid symbology and marine services. And, best of all, it features a choice of 3D 'Mariner's View' map perspective, or the familiar 2D direct-overhead view – to make chart reading and orientation easier. BlueChart is styled to match the appearance of paper charts when displayed on your Garmin chartplotter.

BlueChart® g2 Vision®

Enhance your nautical navigation with BlueChart g2 Vision high-precision charting. Garmin's most detailed digital marine data contains premium mapping features including high-resolution satellite imagery, above and below the waterline 3D perspectives, Auto Guidance technology, aerial photography of ports, harbours, marinas and waterways and coastal roads with points of interest. BlueChart g2 Vision gives mariners greater capabilities on the water, with useful navigation landmarks and marine landscape detail to boost your chartplotting technology.

Fishing Chart
Detailed bathymetric contour lines.

Mariner's Eye 3D
High definition 3D graphics bring land and bottom contours to life.

Fish Eye 3D
Underwater perspective view shows fishing target detected by connected GSD 22 sonar.

HOMEPORT

Marine Planning Software

Discover **Garmin Homeport™** and enjoy journey planning from the warmth and comfort of your armchair. Homeport allows the use of Garmin charts from your existing chartplotter data card to plan waypoints, routes and timings from your home PC.

KEY FEATURES

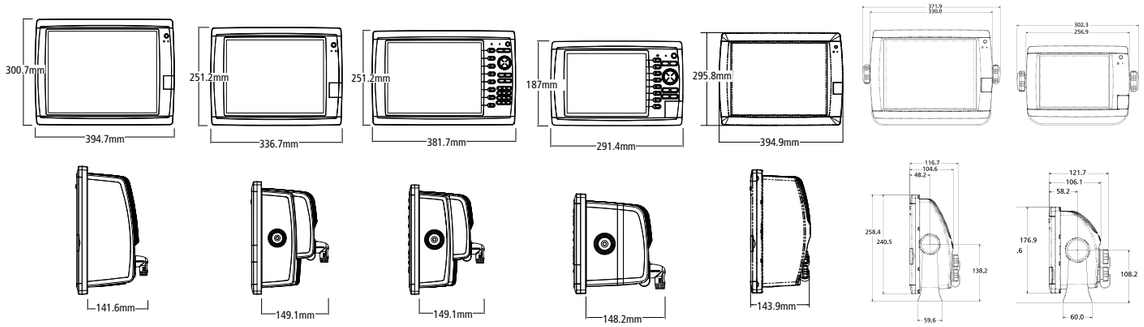
- Software can be used with Garmin marine charts and fishing charts
- Data is transferable between both chartplotter and PC
- Calculate projected speed, fuel flow and arrival times
- Display distance and bearing measurements for your proposed route
- Project tidal stations, tidal streams and celestial data
- Display depth profiles
- Compatible with Google Earth for course overlay

See www.garmin.co.uk for more details

Chartplotters

	GPSMAP 7000 series	GPSMAP 6000 series	GPSMAP 5000 series	GPSMAP 4000 series
G Motion Scroll and Redraw	yes	yes	no	no
Touchscreen	yes	no	yes	no
Display type	XGA	XGA (6012) VGA (6008)	XGA (5012, 5015) VGA (5008)	XGA (4012) SVGA (4010) VGA (4008)
Screen size, WxH	7015 – 12" x 9" (15" diagonal) 7012 – 9.7" x 7.3" (12.1" diagonal)	6012 – 9.7" x 7.3" (12.1" diagonal) 6008 – 6.9" x 5.2" (8.4" diagonal)	5015 – 12" x 9" (15" diagonal) 5012 – 9.7" x 7.3" (12.1" diagonal) 5008 – 6.9" x 5.2" (8.4" diagonal)	4012 – 9.7" x 7.3" (12.1" diagonal) 4010 – 8.3" x 6.3" (10.4" diagonal) 4008 – 6.9" x 5.2" (8.4" diagonal)
Display resolution, WxH	1024 x 768 pixels	6012 – 1024 x 768 pixels 6008 – 640 x 480 pixels	5015 / 5012 – 1024 x 768 pixels 5008 – 640 x 480 pixels	4012 – 1024 x 768 pixels 4010 – 800 x 600 pixels 4008 – 640 x 480 pixels
Weight	7015 – 7.8 kg 7012 – 6.9 kg	6012 – 7.2 kg 6008 – 5.1 kg	5015 – 5.4 kg 5012 – 4.3 kg 5008 – 2.7 kg	4012 – 4.5 kg 4010 – 3.5 kg 4008 – 2.3 kg
Waterproof	yes (IPX7)	yes (IPX7)	yes (IPX7)	yes (IPX7)
GPS Antenna	GPS17x NMEA 2000	GPS17x NMEA 2000	GPS17x NMEA 2000	GPS17x NMEA 2000
NMEA input/output	NMEA 0183, NMEA 2000	NMEA 0183, NMEA 2000	NMEA 0183, NMEA 2000	NMEA 0183, NMEA 2000
Voltage Range	10-35	10-35	10-35	10-35
Preloaded maps	Worldwide Basemap	Worldwide Basemap	Worldwide Basemap	Worldwide Basemap
Ability to add maps	yes	yes	yes	yes
SD card slot*	yes	yes	yes	yes
Waypoints/favourites/locations	5,000	5,000	1,500	1,500
Routes	100	100	20	20
Track log	50,000 points / 50 saved tracks	50,000 points / 50 saved tracks	10,000 points / 20 saved tracks	10,000 points / 20 saved tracks
Garmin radar compatible	yes	yes	yes	yes
Garmin sonar compatible	yes (GSD 22)	yes (GSD 22)	yes (GSD 22)	yes (GSD 22)
CANet compatible	no	no	no	no
Garmin Marine Network compatible	yes	yes	yes	yes
Supports AIS (tracks target ships' position)	yes	yes	yes	yes
Supports DSC (displays position data from DSC capable VHF radio)	yes	yes	yes	yes
Audible alarms	yes	yes	yes	yes
Tide tables*	yes	yes	yes	yes
Sun and moon information*	yes	yes	yes	yes
3-D map view*	yes	yes	yes	yes
Auto Guidance*	yes	yes	yes	yes
Remote control	yes (optional)	yes (optional)	yes (optional)	yes (optional)
Wireless mouse	yes (optional)	no	yes (optional)	no
Video input/output	2in / 1out (7012) 4in/ 1out + 1PC in (7015)	2in / 1out	2in / 1out	2in / 1out
Additional	3 built-in network ports, 4 NMEA 0183 in, 2 NMEA 0183 out, NMEA 2000	3 built-in network ports, 4 NMEA 0183 in, 2 NMEA 0183 out, NMEA 2000	3 built-in network ports, 4 NMEA 0183 in, 2 NMEA 0183 out, NMEA 2000	3 built-in network ports, 4 NMEA 0183 in, 2 NMEA 0183 out, NMEA 2000

*Optional g2 Vision SD card sold separately



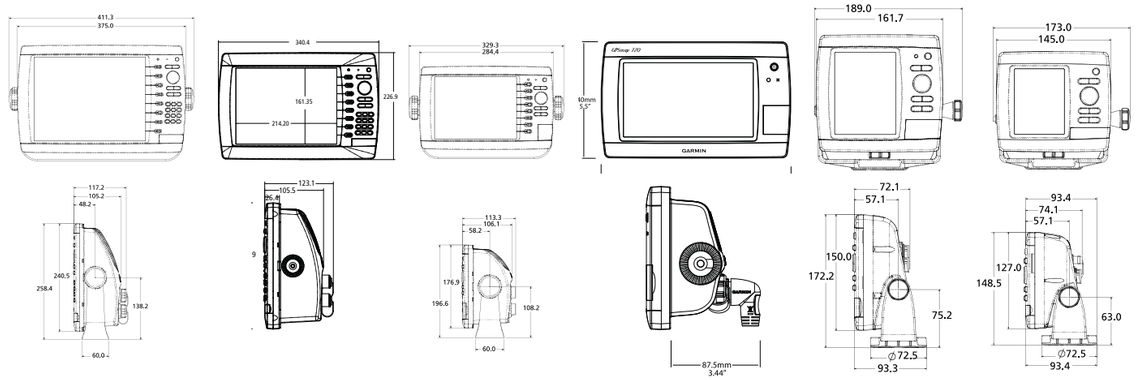
GPSMAP 7015 GPSMAP 7012 GPSMAP 6012 GPSMAP 6008 GPSMAP 5015 GPSMAP 5012 GPSMAP 5008

See www.garmin.co.uk for more details

Standalone Chartplotters

	GPSMAP 750(s)	GPSMAP 620	GPSMAP 556(s)	GPSMAP 551(s)	GPSMAP 451(s)
Preloaded maps	UK & Ireland (inc north coast of France)	Basemap	UK & Ireland (inc north coast of France)	UK & Ireland (inc north coast of France)	UK & Ireland (inc north coast of France)
Touchscreen	yes	yes	no	no	no
Sounder (Fishfinder)	1kw ('s' version)	no	1kw ('s' version)	500w ('s' version)	500w ('s' version)
Garmin radar compatible	yes†	no	no	no	no
Display type	WVGA display	WVGA display	VGA display	QVGA display	QVGA display
Display size, WxH	6.0" x 3.6" (7" diagonal)	4.5" x 2.7" (5.2" diagonal)	3.0" x 4.0" (5.0" diagonal)	3.0" x 4.0" (5.0" diagonal)	2.4" x 3.2" (4.0" diagonal)
Display resolution, WxH	800 x 480 pixels	800 x 600 pixels	480 x 640 pixels	234 x 320 pixels	240 x 320 pixels
Unit dimensions, WxHxD	8.9" x 5.5" x 3.4"	5.9" x 4" x 1.9"	5.9" x 6.4" x 2.9"	5.9" x 6.4" x 2.9"	5.7" x 5.0" x 2.7"
Weight	2.4 lb (1.1kg)	17.3oz (419g)	less than 1.75 lb (0.8 kg)	less than 1.75 lb (0.8 kg)	1.3 lb (590 g)
Waterproof	yes (IPX7)	yes (IPX7)	yes (IPX7)	yes (IPX7)	yes (IPX7)
High-sensitivity receiver	yes	yes	yes	yes	yes
Antenna	internal (external optional)	internal (external optional)	internal (external optional)	internal (external optional)	internal (external optional)
NMEA input/output	NMEA 0183, NMEA 2000	NMEA 0183	NMEA 0183, NMEA 2000	NMEA 0183, NMEA 2000	NMEA 0183, NMEA 2000
Voltage Range	10-35	10-35	10-35	10-35	10-35
Basemap	worldwide	worldwide	worldwide	worldwide	worldwide
Ability to add maps	yes	yes (Marine & Auto)	yes	yes	yes
SD card slot*	yes	yes	yes	yes	yes
Waypoints/favourites/locations	3,000	1,500 Marine, 1,000 Auto	3,000	3,000	3,000
Routes	100	50 Marine, 10 Auto	100	100	100
Track log	20,000 points / 50 saved tracks	10,000 points / 20 saved tracks	20,000 points / 50 saved tracks	10,000 points / 50 saved tracks	10,000 points / 50 saved tracks
CANet® compatible	no	no	no	no	no
Garmin Marine Network™ compatible	no	no	no	no	no
Supports AIS (tracks target ships' position)	yes	yes	yes	yes	yes
Supports DSC (displays position data from DSC capable VHF radio)	yes	yes	yes	yes	yes
Audible alarms	yes	yes	yes	yes	yes
Tide tables	yes	yes	yes	yes	yes
Sun and moon information	yes	yes	yes	yes	yes
3-D map view*	yes	yes	yes	yes	yes
Auto Guidance*	yes	yes	yes	yes	yes
Additional	2 NMEA 0183 in, 2 NMEA 0183 out, NMEA 2000	2 NMEA 0183 in, 2 NMEA 0183 out	2 NMEA 0183 in, 2 NMEA 0183 out, NMEA 2000	2 NMEA 0183 in, 2 NMEA 0183 out, NMEA 2000	2 NMEA 0183 in, 2 NMEA 0183 out, NMEA 2000

*Optional g2 Vision SD card sold separately †Will not support MARPA or radar overlay



GPSMAP 4012 GPSMAP 4010 GPSMAP 4008 GPSMAP 750(s) GPSMAP 556 / 551(s) GPSMAP 451(s)

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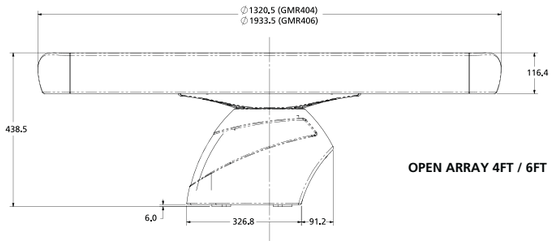
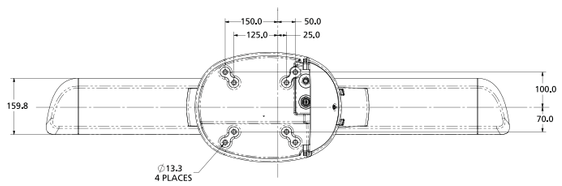
for more details

Open Arrays

	GMR 404 xHD	GMR 406 xHD	GMR 604 xHD	GMR 606 xHD	GMR 1204 xHD	GMR 1206 xHD
Transmit power	4 kW	4 kW	6 kW	6 kW	12 kW	12 kW
Array dimensions, WxHxD	4' array: 51.5" x 5" x 5.25"	6' array: 75.75" x 5" x 5.25"	4' array: 51.5" x 5" x 5.25"	6' array: 75.75" x 5" x 5.25"	4' array: 51.5" x 5" x 5.25"	6' array: 75.75" x 5" x 5.25"
Pedestal dimensions, WxHxD	20.5" x 12.75" x 12.5"	20.5" x 12.75" x 12.5"	20.5" x 12.75" x 12.5"	20.5" x 12.75" x 12.5"	20.5" x 12.75" x 12.5"	20.5" x 12.75" x 12.5"
Weight	array: 12.2 lb (5.5 kg) pedestal: 45.9 lb (20.8 kg)	array: 16.9 lb (7.7 kg) pedestal: 45.9 lb (20.8 kg)	array: 12.2 lb (5.5 kg) pedestal: 45.9 lb (20.8 kg)	array: 16.9 lb (7.7 kg) pedestal: 45.9 lb (20.8 kg)	array: 12.2 lb (5.5 kg) pedestal: 45.9 lb (20.8 kg)	array: 16.9 lb (7.7 kg) pedestal: 45.9 lb (20.8 kg))
Waterproof	yes (IPX6)	yes (IPX6)	yes (IPX6)	yes (IPX6)	yes (IPX6)	yes (IPX6)
Antenna sweep	24 and 48 rpm	24 and 48 rpm	24 and 48 rpm	24 and 48 rpm	24 and 48 rpm	24 and 48 rpm
Power input	10.5 - 38 V DC, 45 W	10.5 - 38 V DC, 45 W	10 - 40 V DC, 55 W (typ), 145 W (max)	10 - 40 V DC, 55 W (typ), 145 W (max)	20 - 40 V DC, 65 W (typ), 155 W (max)	20 - 40 V DC, 65 W (typ), 155 W (max)
Beam width	1.8° horizontal, 25° vertical	1.1° horizontal, 25° vertical	1.8° horizontal, 25° vertical	1.1° horizontal, 25° vertical	1.8° horizontal, 25° vertical	1.1° horizontal, 25° vertical
Maximum range	72 nm	72 nm	72 nm	72 nm	72 nm	72 nm
Minimum range	20 metres	20 metres	20 metres	20 metres	20 metres	20 metres
Garmin Marine Network compatible	yes	yes	yes	yes	yes	yes
High definition	yes	yes	yes	yes	yes	yes
MARPA target tracking (collision avoidance)	yes (requires heading sensor; sold separately)	yes (requires heading sensor; sold separately)	yes (requires heading sensor; sold separately)	yes (requires heading sensor; sold separately)	yes (requires heading sensor; sold separately)	yes (requires heading sensor; sold separately)
Guard zone alarm	yes	yes	yes	yes	yes	yes
Dual Range	yes	yes	yes	yes	yes	yes
Cable Length (m)	15	15	15	15	15	15
Humidity	up to 95%	up to 95%	up to 95%	up to 95%	up to 95%	up to 95%
Polarisation	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Trail options	Short, Medium & Long	Short, Medium & Long	Short, Medium & Long	Short, Medium & Long	Short, Medium & Long	Short, Medium & Long
Look ahead function	Auto & Manual	Auto & Manual	Auto & Manual	Auto & Manual	Auto & Manual	Auto & Manual



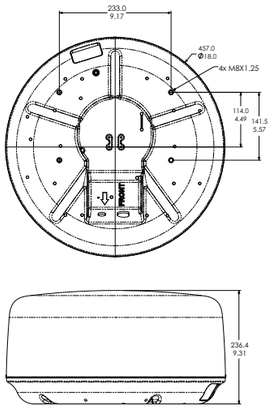
OPEN ARRAY 4FT / 6FT



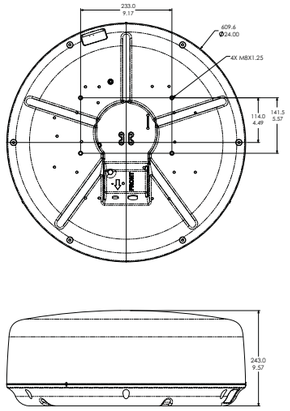
Radomes

	GMR 18 / 18 HD	GMR 24 HD
Power Output	4 kW	4kW
Maximum/Minimum Range	36nm/20m	48nm/20m
RPM	24/30	24/30
Dimensions	18" Diameter, 8.9" High	24" Diameter, 9.8" High
Weight	7.17kg	9.1kg
Beam Width Horizontal	5˚	3.6˚
Beam Width Vertical	25˚	25˚
Waterproof	IPX 7	IPX 7
Zoom Mode	2x and 4x	2x and 4x
Power Input	10.5-35 Vdc	10.5-35 Vdc
Power Consumption (Typical)	33.5W	33.5W
Power Consumption (Stand by)	12W	12W
Operation temperature Range	-15˚c to 60˚c	-15˚c to 60˚c
Range Ring Accuracy	20m +/- 1.5% of range scales (whichever is greater - 1˚)	20m +/- 1.5% of range scales (whichever is greater - 1˚)
Guard Zone Alarms	2 Zones	2 Zones
Cable Length (m)	15	15
Humidity	up to 90%	up to 90%
Polarisation	Horizontal	Horizontal
Trail options	Short, Medium & Long	Short, Medium & Long
Look ahead function	Auto & Manual	Auto & Manual

GMR 18 / 18 HD



GMR 24HD



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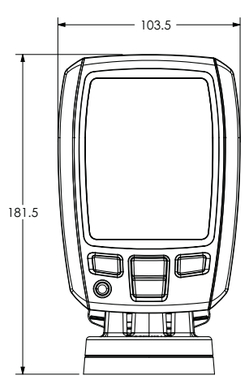
for more details

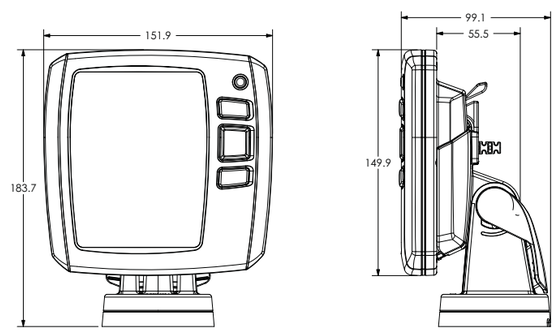
Echo Fishfinders

	ECHO 100	ECHO 150	ECHO 200	ECHO 300C	ECHO 500C	ECHO 550C
Unit dimensions, WxHxD	4.1" W x 5.8" H x 2.8" D	4.1" W x 5.8" H x 2.8" D	6.0" W x 5.9" H x 1.8" D	4.1" W x 5.8" H x 2.8" D	6.0" W x 5.9" H x 1.8" D	6.0" W x 5.9" H x 1.8" D
Display size, WxH	2.38" x 3.21" (4" diagonal)	2.38" x 3.21" (4" diagonal)	2.9" W x 4.0"H (5" diagonal)	2.1" W x 2.8" H (3.5" diagonal)	2.9" W x 4.0" H (5" diagonal)	2.9" W x 4.0" H (5" diagonal)
Display resolution, WxH	256 x 160	256 x 160	480 x 320	320 x 240	320 x 234	640 x 480
Display type	8-level greyscale, FSTN	8-level greyscale, FSTN	Hi-Res greyscale, HVGA	256 colours, QVGA	256 colours, QVGA	256 colours, VGA
Weight	270 grams	270 grams	416 grams	330 grams	524 grams	533 grams
Waterproof	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7
Audible alarms	Yes	Yes	Yes	Yes	Yes	Yes
Split-screen zoom	No	No	Yes	Yes	Yes	Yes
Ultrascroll	Yes	Yes	Yes	Yes	Yes	Yes
Fish Symbol ID	Yes	Yes	Yes	Yes	Yes	Yes
AutoGain Technology	Yes	Yes	Yes	Yes	Yes	Yes
Adjustable depth line	No	No	Yes	Yes	Yes	Yes
A-scope	No	No	Yes	Yes	Yes	Yes
Whiteline	Always on	Always on	Always on	No	No	No
Bottom lock	No	No	Yes	Yes	Yes	Yes
Water temperature log and graph	No	No	Yes	Yes	Yes	Yes
Water speed capable	No	No	Yes	Yes	Yes	Yes
Frequency	200 kHz	200/77 kHz	200/77 kHz	200/77 kHz	200/77 kHz	200/77 kHz
Transmit power	100W (RMS) / 800W (peak to peak)	200W (RMS) / 1,600W (peak to peak)	300W (RMS) / 2,400W (peak to peak)	300W (RMS) / 2,400W (peak to peak)	500W (RMS) / 4000W (peak to peak)	500W (RMS) / 4000W (peak to peak)
Maximum depth	600 ft	1300 ft	1500 ft	1500 ft	1900 ft	1900 ft
Cone angle	60°	60°/120°	60°/120°	60°/120°	60°/120°	60°/120°
Voltage range	10-20V input	10-20V input	10-28V input	10-28V input	60°/120°	60°/120°
Garmin HD-ID™ technology	Yes	Yes	Yes	Yes	Yes	Yes
Garmin Smooth Scaling™ technology	No	No	Yes	Yes	Yes	Yes
Rewind sonar history	No	No	Yes	No	Yes	Yes
Fine tuning sonar adjustment	Yes	Yes	Yes	Yes	Yes	Yes
Custom zoom	Yes	Yes	Yes	Yes	Yes	Yes

ECHO 100 | 150 | 300

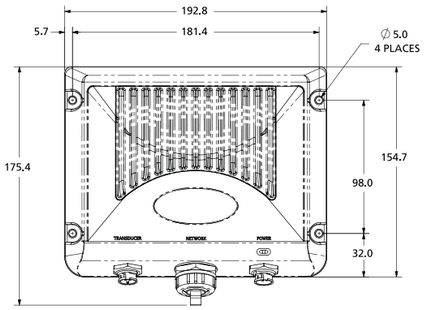


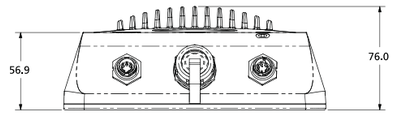
ECHO 200 | 500C | 550C



Sounders

	GSD 22
Sounder Type	Digital
Unit Dimensions	2.99"H x 7.59"W x 6.09"D
Waterproof standard	IPX7
UltraScroll	Yes
Compatible with Dual Frequency transducers	Yes
Dual Beam Sonar	Yes
Autogain Technology	Yes
Voltage Range	10-35VDC
Max Depth	5000ft
Frequency	50/200KHz, 80/200KHz
Max Cone Angle Dual Frequency	45/10 degree
Max Cone Angle Dual Beam (dep on transducer)	45/14 degree
Depth Controlled Gain	Yes
See-Thru Compatible	Yes
Power Output (watts)	500-2000w RMS (dep on transducer)
Split Screen Zoom	Yes
Marine Network Compatible	Yes
NMEA Compatible	Yes





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Handhelds

	GPS 72H	GPSMAP 78	GPSMAP 78s	GPSMAP 62	GPSMAP 62s
Touchscreen	no	no	no	no	no
Electronic compass	no	no	yes	no	yes
Barometric altimeter	no	no	yes	no	yes
Battery	2 AA batteries (not included)	2 AA batteries (not included)	2 AA batteries (not included)	2 AA batteries (not included)	2 AA batteries (not included)
Battery life	16 hours	20 hours, typical	20 hours, typical	20 hours, typical	20 hours, typical
Waterproof	yes (IPX7)	yes (IPX7)	yes (IPX7)	yes (IPX7)	yes (IPX7)
Floats	yes	yes	yes	no	no
Unit dimensions, WxHxD	2.7" x 6.2" x 1.2"	2.6" x 6.0" x 1.2"	2.6" x 6.0" x 1.2"	2.4" x 3" x 1.4"	2.4" x 3" x 1.4"
Display size, WxH	1.6" x 2.2"	1.6" x 2.2"	1.6" x 2.2"	1.6" x 2.2"	1.6" x 2.2"
Display resolution, WxH	120 x 160 pixels	160 x 240 pixels	160 x 240 pixels	160 x 240 pixels	160 x 240 pixels
Display type	4 level grey LCD	Backlit 65K colour TFT	Backlit 65K colour TFT	Backlit 65K colour TFT	Backlit 65K colour TFT
Weight	7.7 oz (218 g) with batteries	7.7 oz (218 g) with batteries	7.7 oz (218 g) with batteries	260.1 g with batteries	260.1 g with batteries
High-sensitivity receiver	yes	yes	yes	yes	yes
Interface	serial and USB	USB and NMEA 0183 compatible	USB and NMEA 0183 compatible	USB and NMEA 0183 compatible	USB and NMEA 0183 compatible
Basemap	no	yes	yes	yes	yes
Ability to add maps	no	yes	yes	yes	yes
Built-in memory	no	1.76GB Appx	1.76GB Appx	1.76GB Appx	1.76GB Appx
Accepts data cards	no	yes	yes	yes	yes
Waypoints/favourites/ locations	500	2000	2000	2000	2000
Routes	50	200	200	200	200
Track log	2,048 points /10 saved tracks	10,000 points / 200 saved tracks	10,000 points / 200 saved tracks	10,000 points / 200 saved tracks	10,000 points / 200 saved tracks
Automatic routing (turn by turn routing on roads)	no	yes (with optional mapping)	yes (with optional mapping)	yes (with optional mapping)	yes (with optional mapping)
Hunt/fish calendar	yes	yes	yes	yes	yes
Sun and moon information	yes	yes	yes	yes	yes
Tide tables	no	yes	yes	yes	yes
Area calculation	yes	yes	yes	yes	yes
Picture viewer	no	no	no	no	no

Handhelds

	etrex H	Venture HC	Summit HC	Legend HCX	Vista HCX
Display type	4 level grey LCD	256 level colour TFT	256 level colour TFT	256 level colour TFT	256 level colour TFT
Ability to add maps	no	yes	yes	yes	yes
Electronic compass	no	no	yes	no	yes
Barometric altimeter	no	no	yes	no	yes
Battery life	17 hours	14 hours	14 hours	25 hours	25 hours
Battery	2 AA batteries (not included)	2 AA batteries (not included)	2 AA batteries (not included)	2 AA batteries (not included)	2 AA batteries (not included)
Unit dimensions, WxHxD	2.0" x 4.4" x 1.2"	2.2" x 4.2" x 1.2"	2.2" x 4.2" x 1.2"	2.2" x 4.2" x 1.2"	2.2" x 4.2" x 1.2"
Display size, WxH	1.1" x 2.1"	1.3" x 1.7"	1.3" x 1.7"	1.3" x 1.7"	1.3" x 1.7"
Display resolution, WxH	64 x 128 pixels	176 x 220 pixels	176 x 220 pixels	176 x 220 pixels	176 x 220 pixels
Weight	5.3 oz (150 g) with batteries	5.5 oz (156 g) with batteries	5.5 oz (156 g) with batteries	5.5 oz (156 g) with batteries	5.5 oz (156 g) with batteries
Waterproof	yes (IPX7)	yes (IPX7)	yes (IPX7)	yes (IPX7)	yes (IPX7)
Floats	no	no	no	no	no
High-sensitivity receiver	yes	yes	yes	yes	yes
Interface	serial	USB	USB	USB	USB
Basemap	no	yes	yes	yes	yes
Built-in memory	no	24 MB	24 MB	no	no
Accepts data cards	no	no	no	microSD™ card (not included)	microSD™ card (not included)
Waypoints/favourites	500	500	500	1000	1000
Routes	20	50	50	50	50
Track log	10,000 points, 10 saved tracks	10,000 points, 10 saved tracks	10,000 points, 10 saved tracks	10,000 points, 20 saved tracks	10,000 points, 20 saved tracks
Automatic routing	no	no	no	yes	yes
Hunt/fish calendar	yes	yes	yes	yes	yes
Sun and moon information	yes	yes	yes	yes	yes
Tide tables	no	no	no	no	no
Area calculation	no	yes	yes	yes	yes
Custom POIs (add POIs)	no	no	no	yes	yes
Picture viewer	no	no	yes	yes	yes

See www.garmin.co.uk for more details

Touchscreens

	Dakota 10	Dakota 20	Oregon 450(t)	Oregon 550(t)
Touchscreen	yes	yes	yes	yes
Electronic compass	no	yes (tilt-compensated, 3-axis)	yes (tilt-compensated, 3-axis)	yes (tilt-compensated, 3-axis)
Barometric altimeter	no	yes	yes	yes
Accepts data cards	no	microSD card (not included)	microSD card (not included)	microSD™ card (not included)
Battery	2 AA batteries (not included) NiMH or Lithium recommended	2 AA batteries (not included) NiMH or Lithium recommended	2 AA batteries (not included) NiMH or Lithium recommended	2 AA NiMH batteries included
Battery life	20 hours	20 hours	16 hours	16 hours
Unit dimensions, WxHxD	2.2" x 3.9" x 1.3" (5.5 x 10 x 3.3cm)	2.2" x 3.9" x 1.3" (5.5 x 10 x 3.3 cm)	2.3" x 4.5" x 1.4" (5.8 x 11.4 x 3.5 cm)	2.3" x 4.5" x 1.4" (5.8 x 11.4 x 3.5 cm)
Display size, WxH	1.43"W x 2.15"H; 2.6" diag	1.43"W x 2.15"H; 2.6" diag	1.53"W x 2.55"H; 3" diag	1.53"W x 2.55"H; 3" diag
Display resolution, WxH	160 x 240 pixels	160 x 240 pixels	240 x 400 pixels	240 x 400 pixels
Weight	5.25 oz (148.8 g) with batteries	5.25 oz (148.8 g) with batteries	6.8 oz (192.7 g) with batteries	6.8 oz (192.7 g) with batteries
Waterproof	yes (IPX7)	yes (IPX7)	yes (IPX7)	yes (IPX7)
Floats	no	no	no	no
High-sensitivity receiver	yes	yes	yes	yes
Interface	USB	USB	USB and NMEA 0183 compatible	USB and NMEA 0183 compatible
Basemap	yes	yes	yes	yes
Ability to add maps	yes	yes	yes	yes
Built-in memory	850 MB	850 MB	850 MB	850 MB
Waypoints/favourites/locations	1000	1000	1000	2000
Routes	50	50	50	200
Track log	10,000 points, 200 saved tracks	10,000 points, 200 saved tracks	10,000 points, 200 saved tracks	10,000 points, 200 saved tracks
Automatic routing (turn by turn routing on roads)	yes (with optional mapping for detailed roads)	yes (with optional mapping for detailed roads)	yes (with optional mapping for detailed roads)	yes (with optional mapping for detailed roads)
Hunt/fish calendar	yes	yes	yes	yes
Sun and moon information	yes	yes	yes	yes
Tide tables	yes	yes	yes	yes
Area calculation	yes	yes	yes	yes
Unit-to-unit transfer (shares data wirelessly with similar units)	no	yes	yes	yes
Camera	no	no	no	yes (3.2 megapixel with autofocus; 4x digital zoom)
Picture viewer	no	no	no	yes

GMI 10 Screen Views

FUEL	TRIP
Total Fuel Flow Rate	Odometer
Total Fuel Level	Trip Odometer
Cruising Range	Average GPS Speed
Fuel Economy	Maximum GPS Speed
Fuel Level	**WEATHER**
Tank 1	Barometer
Tank 2	Air Temperature
ENGINE	Wind Speed
Bennett trim tab level	Wind Direction
Engine tilt	**SAILING**
Battery Voltage	Apparent Wind Speed
Hours	Apparent Wind Angle
Engine RPM	True Wind Speed
Oil Pressure	True Wind Angle
Temperature	VMG to Wind
Trim	VMG to Waypoint
NAVIGATION	**WATER**
Distance Made Good	Depth
Waypoint Name	Temperature
Distance to Waypoint	Speed through Water
Off Course	**SYSTEM**
Desired CoG	Time
Heading	Date
Course over Ground	Voltage at Unit
GPS Speed	Rudder Angle indicator
Position	Tank Levels

NOTE: Correct sensors need to be selected

Instrument / Pilot Control

Type	Colour Multi Function Instrument
Unit dimensions	WxHxD: 4.3" x 4.4" x 1.9" (109 x 111 x 48 mm)
Display resolution	320 x 240 pixels
Display type	Sunlight readable Colour QVGA display
NMEA ports	NMEA 0183 and NMEA 2000
Waterproof	yes (IPX7)
Audible alarms	yes
Flush mountable	yes
Auto-on	yes

VHF / AIS

	VHF 100i	VHF 200i	VHF 300i	VHF 300i AIS	AIS 300	AIS 600
Extra-large 3.2" full dot matrix display	•	•				
Class D DSC capable	•	•	•	•		
Position tracking	•	•	•	•		
Position request	•	•	•	•		
Up to 25 watts of transmit power	•	•	•	•		
Dedicated Channel 16 button	•	•	•	•		
Fog horn capabilities	•	•	•	•		
ATIS capable	•	•	•	•		
NMEA 0183 interface	•	•	•	•	•	•
NMEA 2000 interface		•	•	•	•	•
Hardwired speaker/mic	•					
Speaker/mic relocation capability		•	•	•		
Supports GHS 10i		•	•	•		
20W hailer function		•	•	•		
Intercom capabilities		•	•	•		
In-built AIS receiver				•	•	•
In-built aerial splitter				•	•	•
AIS Transceiver						•

ACCESSORIES & PART NUMBERS

See www.garmin.co.uk for more details

MULTIFUNCTION NETWORK DISPLAYS

010-00591-00	**GPSMAP 4008**
010-00690-00	**GPSMAP 4010**
010-00592-00	**GPSMAP 4012**
010-00593-00	**GPSMAP 5008**
010-00594-00	**GPSMAP 5012**
010-00692-00	**GPSMAP 5015**
010-10878-00	RF Wireless Remote Control (4/5/6/7000 series)
010-10879-00	RF Wireless Mouse (5/7000 series)
010-11087-00	Right angle power cable
010-11088-00	Right angle NMEA 0183 cable
010-11089-00	Right angle NMEA 2000 cable
010-11090-00	Right angle RJ45 cable
010-11091-00	Right angle Audio/Visual Cable
010-11060-00	Top and bottom snap covers 4010 (Replacements)
010-11066-00	Flush Mount Gasket 4010
010-10928-00	2nd Mounting Station 4008
010-11065-00	2nd Mounting Station 4010
010-10928-01	2nd Mounting Station 4012
010-10924-00	Bail Mount 4008 (Replacement)
010-11064-00	Bail Mount 4010 (Replacement)
010-10925-00	Bail Mount 4012 (Replacement)
010-10913-00	Protective Cover 4008 (Replacement)
010-11058-00	Protective Cover 4010 (Replacement)
010-10914-00	Protective Cover 4012 (Replacement)
010-11062-00	Top and bottom snap covers 5015 (Replacements)
010-11067-00	Flush Mount Gasket 5015
010-10929-00	2nd Mounting Station 5008
010-10929-01	2nd Mounting Station 5012
010-10548-00	Audio/Video Cable (Replacement)
K00-00303-00	Flush Mounting Hardware (Replacement)
010-10817-02	Weather Cap, NMEA0183 Cable
010-10817-03	Weather Cap, Power/Data Cable
010-10817-04	Weather Cap, Network Cable
010-10922-00	Power Cable, 2 Wire (Replacement)
010-10923-01	NMEA0183 Cable, 19 wire (Replacement)
010-10926-00	Bail Mount 5008 (Replacement)
010-10927-00	Bail Mount 5012 (Replacement)
010-10915-00	Protective Cover 5008 (Replacement)
010-10916-00	Protective Cover 5012 (Replacement)
010-11059-00	Protective Cover 5015 (Replacement)

010-00749-00	**GPSMAP 7012**
010-00748-00	**GPSMAP 7015**
010-00750-00	**GPSMAP 6008**
010-00751-00	**GPSMAP 6012**
010-11425-06	Multimedia cable, right angle (7015 only)
010-11426-02	Bail mount with knobs, GPSMAP 7012
010-11427-02	Flush mount gasket, GPSMAP 7012
010-11427-03	Flush mount gasket, GPSMAP 7015
010-11428-02	Protective cover, GPSMAP 7012
010-11428-03	Protective cover, GPSMAP 7015
010-11429-04	Snap covers, GPSMAP 7012
010-11429-06	Snap covers, GPSMAP 7015
010-11425-00	Video cable, threaded
010-11425-01	Power cable, threaded
010-11425-02	NMEA 0183 cable, threaded
010-11425-03	Video cable, threaded, right angle
010-11425-04	Power cable, threaded, right angle
010-11425-05	NMEA 0183 cable, threaded, right angle
010-11426-00	Bail mount with knobs, GPSMAP 6008
010-11426-01	Bail mount with knobs, GPSMAP 6012
010-11427-00	Flush mount gasket, GPSMAP 6008
010-11427-01	Flush mount gasket, GPSMAP 6012
010-11428-00	Protective cover, GPSMAP 6008
010-11428-01	Protective cover, GPSMAP 6012
010-11429-00	Snap covers, GPSMAP 6008
010-11429-02	Snap covers, GPSMAP 6012

GPSMAP 750(s)

010-00835-04	**GPSMAP 750 (UK)**
010-00835-05	**GPSMAP 750s (UK)**
010-11479-04	Access, Top/Bottom Snap Cover, GPSMAP 750
010-11479-05	Access, Top/Bottom Snap Cover, GPSMAP 750s
010-10917-10	Access, Pwr/Data, Threaded, 19-pin, Repl, For Chartplotters
010-10918-10	Access, Pwr/Data/Xdcr, Threaded,19-pin, Repl, For Sounders
010-11481-00	Access, Flush Mount Gasket, GPSMAP 7x0
010-11482-00	Access, 19-pin cable, Threaded, GPSMAP 7x0
010-11482-01	Access, 19-pin cable with sonar, Threaded, GPSMAP 7x0
010-11483-00	Access, Bail mount, GPSMAP7x0

RADAR

010-00572-00	**GMR 18 Radome**
010-00572-02	**GMR 18 HD Radome**
010-00572-03	**GMR 24 HD Radome**
010-00484-03	**GMR 4' Open Array antenna (4, 6 or 12kW Pedestal also required)**
010-00484-04	**GMR 6' Open Array antenna (4, 6 or 12kW Pedestal also required)**
010-00738-10	**GMR 4kW Pedestal**
010-00738-00	**GMR 6kW Pedestal**
010-00739-00	**GMR 12kW Pedestal**
010-00351-00	GMS 10 Network Port Expander
010-10550-00	6ft (~1.9m) Marine network cable
010-10551-00	20ft (~6.1m) Marine network cable
010-10552-00	40ft (~12.2m) Marine network cable
010-10603-00	Marine network cable connector RJ45, 2-pack
010-10603-01	Marine network cable connector RJ45, 10-pack
010-10647-00	300ft Bulk, Marine network cable, RJ45
010-10647-01	500ft Bulk, Marine network cable, RJ45
320-00246-10	Power cable, 15m, replacement
320-00372-03	Radar cable with split connector, 15 m, replacement

SAILPILOT

010-00705-30	**GHP 12 Corepack**
010-11572-00	**Class A Drive Unit**
010-11573-00	**Class B Drive Unit**
010-00688-10	GHC 10 helm control display
010-11146-00	GHC 10 remote control
010-11052-30	CCU for GHP 12
010-11053-30	ECU for GHP 12
010-11055-30	CCU/ECU interconnect cable, threaded collar
010-11057-30	ECU power cable, threaded collar
010-11156-30	CCU extension cable, 5m, threaded collar
010-11156-31	CCU extension cable, 15m, threaded collar
010-11156-32	CCU extension cable, 25m, threaded collar
010-11173-00	CCU mounting bracket
010-11532-00	Rudder feedback cable
010-11533-00	Actuator power cable
010-11056-00	Buzzer
010-11170-01	Split collar, 11mm connector
010-11170-02	Split collar, 14.5mm connector

AUTOPILOT

010-00705-00	**GHP 10 Corepack**
010-11097-00	**2-Litre Pump Kit**
010-11098-00	**1.2-Litre Pump Kit**
010-11099-10	**2.1-Litre High Performance Pump Kit**
010-00688-00	**GHC 10 helm control display**
010-11156-00	5m ECU-CCU Extension cable
010-11156-01	15m ECU-CCU Extension cable
010-11156-02	25m ECU-CCU Extension cable
010-11201-00	Unbalanced valve kit
010-11202-00	Verado adaptor kit
010-11203-00	Check valve kit
010-11204-00	Isolation hose kit
010-11070-00	GHC 10 / GMI 10 protective cover
010-11072-00	GHC 10 top & bottom snap covers
010-11056-00	Autopilot Buzzer
010-11173-00	CCU Mounting Bracket
010-11352-00	Thumb Screw
010-11146-00	**Autopilot Remote Control**
010-11222-00	Remote holster
010-10380-00	Belt clip & button (replacement)
010-10117-02	Carry case (Black nylon with zipper)
010-10481-00	Carabiner button clip
010-11283-00	Battery Door, Replacement
013-00052-00	Neck lanyard
013-00267-00	Wrist lanyard
010-00705-20	**GHP 10 V Marine Autopilot**
010-11349-00	Volvo IPS Gateway
010-11353-00	CCU
010-11351-00	CCU / Gateway Cable

ACCESSORIES & PART NUMBERS

See www.garmin.co.uk for more details

VHF

010-00754-01	**VHF 100i - NMEA 0183**
010-00755-01	**VHF 200i - NMEA 2000 + 0183 (up to 1 additional station)**
010-00756-01	**VHF 300i - Black box VHF inc 1 x GHS 10i, Active Speak, cabling (up to 2 additional stations)**
010-00757-01	**VHF 300i AIS - as above plus built in AIS receiver**
010-11188-00	**GHS 10i - Second/Third station handset for VHF 200i/300i**
010-11184-00	5m VHF handset relocation extension cable
010-11185-00	10m VHF handset relocation extension cable
010-11186-00	10m VHF handset relocation cable (with dash fitting)
010-11217-00	Active speaker
010-11184-00	Extension cable, 5m
010-11185-00	Extension cable, 10m
010-11186-00	Deck cable, 10
010-11196-00	Mic hanger
010-11219-00	Power cable, VHF 300/NMEA 0183, hailer
010-11257-00	GHS 10 channel change knob
010-11257-10	Volume/squelch and channel change knobs
010-11258-00	Active speaker top and bottom snap covers

AIS 300

010-00892-00	**AIS 300 - Receiver with built in VHF splitter. NMEA 2000 & 0183**
010-11422-04	Power/Data Cable
010-11422-02	VHF interconnect cable, 2m
010-11422-03	VHF interconnect cable, 5m
010-11442-00	NMEA 2000 starter kit1

AIS 600

010-00865-00	**AIS 600**
010-00869-00	**AIS 600 Unit Only**
010-11422-00	Power cable
010-11422-01	Safety Related Message cable
010-11422-02	VHF interconnect cable, 2m
010-11422-03	VHF interconnect cable, 5m
010-11442-00	NMEA 2000 starter kit1
010-10723-01	USB cable
010-00872-00	GA 30 GPS antenna
010-11454-00	GA30 Antenna cable, 10m

HEADING SENSOR

010-11417-00	**Marine heading sensor, Airmar H2183**
010-11418-00	Marine heading sensor cable, NMEA 0183, 10m
010-11419-00	Marine heading sensor cable, NMEA 2000, 6m

PORTABLE CHARTPLOTTER / NAVIGATOR

010-00696-00	**GPSMAP 620**
010-00696-82	**GPSMAP 620 with Marine Flush mount**
010-10680-50	micro SD/SD card, Full Europe
010-11389-00	Powered flush mount kit
010-11025-00	Marine mount with power/data cable
010-11025-01	Automotive mount with vehicle power cable
010-11025-02	Protective cover
010-11277-00	Automotive friction mount
010-11025-03	Li-ion battery pack
010-11025-04	AC adapter cable
010-11273-00	Carrying case

INSTRUMENTS AND ACCESSORIES

010-00687-00	**GMI 10 Colour Instrument**
010-00671-00	**GFS 10 Fuel Flow Sensor**
010-00694-00	**GPS 17x NMEA 0183**
010-00694-10	**GPS 17x NMEA 2000**
010-11082-00	GPS 17x Pole mount adaptor
010-11083-00	GPS 17x Surface mount adaptor
010-11084-00	GPS 17x Under deck mount adaptor
010-11070-00	Protective Cover GMI 10
010-11071-00	Top and Bottom snap covers
010-11073-00	Flush Mount gasket GMI 10
010-11074-00	7 Pin Power cable GMI 10
010-11075-00	NMEA 2000 to CANet adaptor
010-11076-00	NMEA 2000 Backbone Cable (2m)
010-11076-01	NMEA 2000 Backbone Cable (6m)
010-11076-02	NMEA 2000 Backbone Cable (10m)
010-11078-00	NMEA 2000 tee connector
010-11079-00	NMEA 2000 Power cable
010-11080-00	NMEA 2000 terminator, male
010-11081-00	NMEA 2000 terminator, female
010-11096-00	NMEA 2000 in-line terminator
010-11077-00	NMEA 2000 drop cable
010-11085-00	NMEA 0183 Power/Data cable (intelliducers)
010-00701-00	Garmin Intelliducer, Thru-Hull NMEA 2000 0-12deg deadrise
010-00701-01	Garmin Intelliducer, Thru-Hull NMEA 2000 13-24deg deadrise
010-00702-00	Garmin Intelliducer, Thru-Hull NMEA 0183 0-12deg deadrise
010-00702-01	Garmin Intelliducer, Thru-Hull NMEA 0183 13-24deg deadrise
010-00703-00	Garmin Intelliducer, Transom mount NMEA 2000
010-00704-00	Garmin Intelliducer, Transom mount NMEA 0183

NMEA 2000 ADAPTORS

010-11413-00	**Speed/temperature sensor**
010-11413-01	**Temperature sensor**
010-10279-02	**Speed sensor, 7-pin**
010-11456-00	**Speed sensor paddle wheel, replacement**
010-11324-00	**GRA™ 10, Rudder Angle Adapter**
010-11325-00	**GET™ 10, Engine Tilt Adapter**
010-11326-00	**GFL™ 10, Fluid Level Adapter**
010-11327-00	**GBT™ 10, Bennett Trim Tab Adapter**
010-11328-00	**GST™ 10, Water Speed and Temperature Adapter**

CAMERA

010-11372-00	**GC10 Marine Camera, NTSC, Standard**
010-11372-01	**GC10 Marine Camera, NTSC, Reverse**
010-11372-02	**GC10 Marine Camera, PAL, Standard**
010-11372-03	**GC10 Marine Camera, PAL, Reverse**
010-11376-00	BNC to RCA Adapter
010-11376-02	5m video extension cable
010-11376-03	15m video extension cable

ACCESSORIES & PART NUMBERS

See www.garmin.co.uk for more details

FIXED GPS

010-00227-30	**GPS 152, with internal antenna**
010-00227-20	**GPS 152, with GA 29 low profile antenna**
010-10052-04	GA 26C Low profile antenna, BNC connector with magnetic and suction mounts
010-00174-03	GA 29 remote GPS antenna
010-10144-00	Remote antenna mount, with 6ft (~1.8m) cable - GPS 128/152 only
010-10152-00	8ft. Extension cable for GA 26 series antenna
010-10265-00	Internal antenna bracket
010-10196-00	2nd Mounting station
010-10077-00	Cigarette lighter adapter
010-10083-00	Power/data cable (bare wires)
010-10150-00	PC Interface cable
010-10310-00	USB to RS232 converter cable (requires appropriate PC cable)
010-10269-00	Protective cover - GPS 152 only

010-00767-02	**GPSMAP 451**
010-00767-03	**GPSMAP 451s w/o Transducer**
010-00174-03	GA 29 remote GPS antenna
010-10447-03	Watertight Flush Mount Kit
010-10920-00	Swivel Mount (replacement)
010-10917-00	Power/Data Cable 19-pin, (replacement)
010-10918-00	Power/Data/Xdcr Cable 19-pin, (replacement) (Sounders Only)
010-10911-00	Protective Cover (replacement)

010-00763-02	**GPSMAP 551**
010-00763-03	**GPSMAP 551s w/o Transducer**
010-00775-02	**GPSMAP 556**
010-00775-03	**GPSMAP 556s w/o Transducer**
010-00174-03	GA 29 remote GPS antenna
010-10447-05	Watertight Flush Mount Kit
010-10921-00	Swivel Mount (replacement)
010-10930-00	2nd Mounting Station
010-10917-00	Power/Data Cable 19-pin, (replacement)
010-10918-00	Power/Data/Xdcr Cable 19-pin, (replacement) (Sounders Only)
010-10912-00	Protective Cover (replacement)

DUAL FREQUENCY TRANSDUCERS

010-10182-00	Transducer, 200/50Khz, 15/45deg, bronze, thru-hull mount, depth
010-10183-01	Transducer, 200/50Khz, 15/45deg, bronze, thru-hull mount, depth, temp, speed
010-10192-01	Transducer, 200/50Khz, 14/45deg, plastic, transom mount, depth, temp, speed
010-10193-01	Transducer, 200/50Khz, 14/45deg, bronze, thru-hull mount (long stem), depth, temp, speed inc. fairing block
010-10194-00	Transducer, 200/50Khz, 14/45deg, plastic, thru-hull mount, depth
010-10327-00	Transducer, 200/50Khz, 14/45deg, plastic, adjustable, in-hull mount
010-10272-00	Transducer, 200/50Khz, 15/45deg, plastic, transom mount, depth, temp
010-10445-00	Transducer, 200/50Khz, 6/19deg, 1kW, in-hull, depth, temp, mounting tank
010-10451-00	Transducer, 200/50Khz, 6/19deg, 1kW, bronze, thru-hull mount, depth, temp, inc. fairing block
010-10365-00	Transducer, plastic, thru-hull mount, temp & speed only
010-10225-00	Temperature probe
010-10279-01	Speed sensor, transom mount with Y cable (replaced 010-10252-00)
K00-00028-01	Transom mount transducer bracket
K00-00028-08	Transom mount transducer bracket (standard with Blue series)

FISHFINDERS

010-00950-00	**ECHO 100**
010-11678-00	Power cable
010-11679-00	Protective cover
010-11677-00	Quick release mount with tilt/swivel
010-11681-00	Flush mounting kit
010-00951-00	**ECHO 150**
010-11678-00	Power cable
010-11679-00	Protective cover
010-11677-00	Quick release mount with tilt/swivel
010-11681-00	Flush mounting kit
010-00953-00	**ECHO 200**
010-11678-00	Power cable
010-11680-00	Protective cover
010-11676-00	Quick release mount with tilt/swivel
010-11682-00	Flush mounting kit
010-00952-00	**ECHO 300C**
010-11678-00	Power cable
010-11679-00	Protective cover
010-11677-00	Quick release mount with tilt/swivel
010-11681-00	Flush mounting kit
010-00954-00	**ECHO 500C**
010-11678-00	Power cable
010-11680-00	Protective cover
010-11676-00	Quick release mount with tilt/swivel
010-11682-00	Flush mounting kit
010-00955-00	**ECHO 550C**
010-11678-00	Power cable
010-11680-00	Protective cover
010-11676-00	Quick release mount with tilt/swivel
010-11682-00	Flush mounting kit

SOUNDERS

010-00502-00	**GSD21 remote sounder - no transducer**
010-00397-00	**GSD22 Digital remote sounder - no transducer**
010-10439-00	30ft (~9.2m) Power/data cable (replacement)

SINGLE FREQUENCY TRANSDUCERS

010-10435-00	Transducer, 200Khz, 20deg, plastic, transom/trolling motor mount, depth, temp (replacement) - FF90/80/140/120/160c
010-10105-00	Transducer, 200Khz, 20deg, plastic, transom mount, depth
010-10106-00	Transducer, 200Khz, 20deg, plastic, transom mount, depth, temp, speed
010-10107-00	Transducer, 200Khz, 12deg, bronze, thru-hull mount, depth
010-10249-00	Transducer, 200Khz, 20deg, plastic, transom/trolling motor mount, depth, temp (replaced 010-10118-00)
010-10119-00	Transducer, 200Khz, 12deg, plastic, thru-hull mount, depth
010-10200-00	Transducer, 200Khz, 14deg, plastic, trolling motot mount, depth, temp
010-10217-00	Transducer, 200Khz, 12deg, bronze, thru-hull mount, depth, temp
010-10218-00	Transducer, 200Khz, 12deg, plastic, thru-hull mount, depth, temp
010-10200-00	Transducer, 200Khz, 14deg, plastic, trolling motot mount, depth, temp
010-10224-00	Transducer, 200Khz, 14deg, plastic, in-hull mount, depth
010-10229-00	Transducer, 200Khz, 8deg, plastic, transom mount, depth, temp, speed
010-10225-00	Temperature probe
010-10253-00	Suction-cup transducer mounting adapter, used with 010-10105-00, 010-10249-00 & 010-10228-00)
010-10279-01	Speed sensor, transom mount with Y cable (replaced 010-10252-00)

ACCESSORIES & PART NUMBERS

See www.garmin.co.uk for more details

HANDHELDS

010-00776-00	**Foretrex 301**
010-00777-00	**Foretrex 401**
010-10557-00	Velcro Wrist & Expander strap
010-10484-00	PC Interface Cable
010-10496-00	Large Diameter - Requires relevant Bike Mount
010-10446-00	Handlebar mount bracket (201 only)
010-10543-00	Velcro strap extension (201 only)
010-10483-02	Euro A/C Adapter (201 only)
010-10595-00	12 volt charger (Cigarette lighter adapter) (201 only)
010-10615-00	Quick release mounting kit (201 only)

010-00631-10	**eTrex H**
010-00632-01	**eTrex Venture HC, International basemap**
010-00633-01	**eTrex Summit HC, International basemap**
010-00629-01	**eTrex Legend HCX, International basemap**
010-00630-01	**eTrex Vista HCX, International basemap**
010-10564-01	Auto Navigation Kit - portable mount, bracket and remote 12v cigarette lighter adapter (X-series only)
010-10563-00	12-volt charger (Cigarette lighter adapter) (X-series only)
010-10477-03	PC/USB cable (replacement) (X-series only)
010-10267-00	Handlebar mounting bracket
010-10274-00	Automotive mounting bracket
010-10306-00	Portable friction mount requires
010-10354-00	Marine Mount
010-10361-00	Automotive windshield mounting bracket
010-10481-00	Carabiner button clip
010-10203-00	Cigarette lighter adapter - not applicable to Geko 101
010-10205-00	Data cable (bare data wires) - not applicable to Geko 101
010-10206-00	PC interface cable (RS232 serial port connector) - not applicable to Geko 101
010-10310-00	USB to RS232 converter cable (requires appropriate PC cable)
010-10268-00	PC interface cable with cigarette lighter adapter
010-10323-02	Rechargeable NiMH AA battery kit (4 x 1600mA cells + quick charger)
010-10374-00	NiMH Cells, AA, 4-pack
010-10314-00	Carry case
010-10349-00	Belt clip
010-10480-00	Carabiner stretch holster
010-10496-00	Large Diameter - Requires relevant Bike Mount

010-00840-01	**GPS 72H, Worldwide**
010-00840-02	**GPS 72H Marine Bundle, Worldwide**
010-00864-00	**GPSMAP 78, Worldwide**
010-00864-01	**GPSMAP 78s, Worldwide**
010-10723-01	USB/PC cable
362-00018-01	Euro A/C adapter, 10 to 40v
010-10121-00	MCX to BNC adapter cable
010-10157-00	8ft (~2.5m) Extension cable for GA 27 series antenna
010-10199-02	Dash mount base
010-10300-00	72 Marine mount
010-10305-00	72 Automotive mounting bracket
010-10305-01	72 Handlebar mounting bracket
010-10306-00	72 Portable friction mount (beanbag) no installation required
010-10352-00	Universal friction mounting adapter
010-10353-00	Universal adhesive mounting adapter
010-10082-00	Power/data cable (bare wires)
010-10085-00	Cigarette lighter adapter
010-10141-00	PC Interface Cable(RS232 serial port connector)
010-10165-00	PC interface cable with cigarette lighter adapter
010-10310-00	USB to RS232 converter cable (requires appropriate PC cable) Foretrex, eTrex H & Geko 201)
010-10117-02	Carry case (Black nylon with zipper)
010-10496-00	Large Diameter Rail Mount Adapter (acc. 25-32 mm dia)- Requires relevant Bike Mount
010-10702-00	GA 25 MCX low profile GPS antenna
010-11131-00	Mini USB to Power/NMEA 0183 cable (bare wires)
010-11441-00	GPSMAP 78 Marine Mount
010-11441-01	GPSMAP 78 Auto Mount

HANDHELDS

010-00868-00	**GPSMAP 62, Worldwide**
010-00868-01	**GPSMAP 62s, Worldwide**
010-00868-03	**GPSMAP 62st, Worldwide**
010-11343-00	Rechargeable NiMH Battery Kit plus 2 AA NiMH Batteries
010-10851-11	Vehicle Power Cable
010-10851-10	Auto Nav Kit
010-11526-00	Slip Case
010-10117-02	Carry case (Black nylon with zipper)
010-11031-00	Marine /Cart Mount (Colorado, Oregon, Dakota, Approach G5)
010-11023-00	Bike Mount

010-00781-00	**Dakota 10, Worldwide**	
010-00781-01	**Dakota 20, Worldwide**	
010-11344-00	Slip Case (Dakota)	
010-11344-10	Silicone Case (Dakota)	
010-10851-11	Vehicle Power Cable	
010-10723-00	A/C USB charger (includes international adapters)	
010-10851-00	Auto Nav Kit (Colorado)	
010-11022-10	Belt Clip, Swivel	
010-11022-20	Carabiner Clip (Dakota)	
010-11031-00	Marine Mount (Colorado, Oregon, Dakota)	
010-11023-00	Bike Mount Colorado, Oregon, Dakota	
010-10997-00	Heart Rate Monitor & Strap	
010-10644-00	GSC10 speed/cadence sensor - (not for FR205)010-11023-00	Bike Mount, Oregon, Dakota
010-11031-00	Marine Mount (Oregon, Dakota)	
010-10644-00	GSC10 speed/cadence sensor - (not for FR205)	
010-10997-00	Heart Rate Monitor & Strap	
010-10310-00	USB to RS232 converter cable (requires appropriate PC cable) Foretrex, eTrex H & Geko 201)	
010-10851-11	Vehicle Power Cable	
010-10723-00	A/C USB charger (includes international adapters)	
010-11131-00	Mini USB to Power/NMEA 0183 cable (bare wires)	

010-00697-01	**Oregon 450**
010-00697-06	**Oregon 450t Topo Europe**
010-00697-10	**Oregon 550**
010-00697-18	**Oregon 550t Topo Europe**
010-10850-20	Hard carrying Case
010-10851-10	Auto Nav Kit
010-11022-00	Carabiner (replacement) for Oregon
010-11023-00	Bike Mount, Oregon, Dakota
010-11031-00	Marine Mount (Oregon, Dakota)
010-10644-00	GSC10 speed/cadence sensor - (not for FR205)
010-10997-00	Heart Rate Monitor & Strap
010-10310-00	USB to RS232 converter cable (requires appropriate PC cable) Foretrex, eTrex H & Geko 201)
010-10851-11	Vehicle Power Cable
010-10723-00	A/C USB charger (includes international adapters)
010-11131-00	Mini USB to Power/NMEA 0183 cable (bare wires)

Notes

2-YEAR STANDARD WARRANTY

All Garmin marine products (handheld and semi-portable GPS products are covered by a one year warranty) are warranted to be free from defects in material or workmanship for two years from the date of purchase. Within this period, Garmin International, Inc. will, at its sole option, repair or replace any components which fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts or labour, provided that the customer shall be responsible for any transportation cost. This warranty does not cover failures due to abuse, misuse, accident or unauthorised alterations or repairs. The warranties and remedies contained herein are exclusive and in lieu of all other warranties, whether express, implied or statutory, including any liability arising under any warranty of merchantability or fitness for a particular purpose, statutory or otherwise. This warranty gives you specific legal rights, which may vary from country to country. In no event shall Garmin be liable for any incidental, special, indirect or consequential damages, whether resulting from the use, misuse or inability to use the product or from defects in the product. Some countries do not allow the exclusion of incidental or consequential damages, so the above limitations may not apply to you. Garmin retains the exclusive right to repair or replace the product or offer a full refund of the purchase price at its sole discretion. Such remedy shall be your sole and exclusive remedy for any breach of warranty.

2-YEAR ONBOARD WARRANTY

In addition to the standard warranty some specific products that are professionally installed are covered by a 2-year onboard warranty for parts and labour charges (contact your retailer for conditions and products covered under 2-year onboard warranty).

FREE SOFTWARE UPDATES

Register your product at **www.myGarmin.com** to receive free software updates or new product information issued by Garmin. Includes system software only, excludes cartography and any add-on or third party software.

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APPROVED UK SERVICE DEALERS
– SALES, INSTALLATION AND TECHNICAL SUPPORT

2-YEAR ONBOARD WARRANTY SEE PAGE 47

ENGLAND	COUNTY	CITY/TOWN	TELEPHONE
BT Marine	Cornwall	Falmouth	07977 026526
Robbins Marine Electronics	Cheshire	Liverpool	01517 095431
Darthaven Marina	Devon	Dartmouth	01803 752242
Plymouth Marine Electronics	Devon	Plymouth	01752 227711
Waypoint 1	Devon	Plymouth	01752 661913
Greenham Regis	Dorset	Poole	01202 676363
Marine Electronic Services	Dorset	Poole	01202 666098
Mantsbrite	Essex	Maldon	01621 853003
MEI	Hampshire	Portsmouth	02392 326366
Ocean Electronics	Hampshire	Gosport	02392 602344
Aztec Marine	Hampshire	Hamble	02380 455112
Diverse Yacht Services	Hampshire	Hamble	02380 453399
Maricom	Hampshire	Hamble	02380 454263
Hudson Marine Electronics	Hampshire	Hamble	02380 455129
Landau UK Ltd	Hampshire	Hamble	01489 577588
Greenham Regis	Hampshire	Southampton	02380 636555
Berthon Boats	Hampshire	Lymington	01590 673312
Greenham Regis	Hampshire	Lymington	01590 671144
DG Wroath	Isle Of Wight	Cowes	01983 281467
Grundon	Kent	Deal	01304 380962
Swale Marine	Kent	Thames	01795 580930
Cliff Marine Services	Norfolk	Brundall	01603 717176
Storrar Marine	Northumberland	Newcastle	0191 2661037
Precision Navigation	Suffolk	Brantham	01473 327813
R & J Marine Electronics	Suffolk	Levington	01473 659737
Eurotek	East Sussex	Brighton	01273 818990
Eurotek	East Sussex	Eastbourne	01323 479144
Greenham Regis	West Sussex	Chichester	01243 511070
Roger Upham Marine Electronics	West Sussex	Chichester	01243 514511
Boat Electrics	Yorkshire	Hull	0870 4460143

CHANNEL ISLANDS	COUNTY	CITY/TOWN	TELEPHONE
Sea Tech	Guernsey	St Peter Port	01481 710999
Marine Electrics	Jersey	St Martin	07797 716853

SCOTLAND	COUNTY	CITY/TOWN	TELEPHONE
Ardfern Yacht Centre	Scotland	Argyll	01852 500247
Buccaneer Ltd.	Scotland	Aberdeen	01224 828555
Echomaster	Scotland	Buckie	01542 834888
Blue V	Scotland	Edinburgh	0131 3314546
New World Yacht Care	Scotland	Helensburgh	01436 820586
Jeff Rutherford Y.E.E.S	Scotland	Inverkip	01475 522244
Boat Electrics	Scotland	Inverkip	0870 4460143
DDZ	Scotland	Largs	01475 686072
Boat Electrics	Scotland	Oban	0870 4460143
Boat Electrics	Scotland	Troon	0870 4460143
MB Marine	Scotland	Troon	01292 311944

WALES	COUNTY	CITY/TOWN	TELEPHONE
Yachtshop	Wales	Isle Of Anglesey	01407 760031
Dyfed Electronics	Wales	Milford Haven	01646 694572
Neyland Marine	Wales	Milford Haven	01646 698968
Rowlands Marine	Wales	Pwllheli	01758 613193
Wigmore Wright	Wales	Cardiff	01772 459666

NORTHERN IRELAND	COUNTY	CITY/TOWN	TELEPHONE
Boat Mec	Northern Ireland	Belfast	02893 360251

EUROPEAN DISTRIBUTORS
– SERVICE AND TECHNICAL SUPPORT

Armenia	Technoservis	00 374 99 63 99 86
Austria	**Garmin Austria**	**00 43 31 333 18140**
Belarus Rep	Indel ZAO	00 375 17 280 0912
Belgium	**Garmin Belux**	**00 32 26725254**
Bulgaria	GeoTrade	00 359 2 9804004
Croatia Bosnia	NAVIGO Sistem d.o.o	00 385 1 2334033
Cyprus	C.A Petrides	00 357 5564200
Czech Rep	Picodas Prague Ltd	00 420 224511980
Denmark	**Garmin Denmark**	**00 45 48105050**
Estonia	Jakari	00 372 6398993
Finland	**Garmin Suomi**	**00 358 19 311001**
France	**Garmin France**	**00 33 155178181**
Georgia	GeoLand Ltd	00 995 32 921191
Germany	**Garmin Deutschland**	**00 49 8985836437**
Greece	Skordilis	00 30 2104181797
Hungary	Navi-Gate KFT	00 36 18012830/1
Iceland	**Garmin Iceland**	**00 354 577 6000**
Italy	**Garmin Italia SpA**	**00 39 0236576411**
Latvia	Concors Ltd	00 371 6 7207 032
Lithuania	Fedingas	00 37 052709808
Malta	Medcomms Ltd	00 356 21 335521
Moldova	Tincom SRL	00 37 322449933
Netherlands	Sailtron	00 31 302 840851
Norway	Belanor AS	00 47 69233630
Poland	Excel	00 48 91 424 3805
Portugal	**Garmin Portugal**	**00 35 1214447460**
Romania	Sheba Distribution SRL	00 40 17263513
Russia	Navicom	00 7 495 7866506
Slovakia	Conan s.r.o	00 421 41 7002900
Slovenia	GeoSet d.o.o	00 386 4 27 92 500
Spain	**Garmin Iberia**	**00 34 933572608**
Sweden	**Garmin Sweden**	**00 46 7744 52020**
Switzerland	Bucher & Walt SA	00 41 32 7559500
Ukraine	Aeroscan Ltd	00 380 444571668
Ukraine	Navionika	00 380 44 554 2747
United Kingdom	SMG	01752 241000

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APPROVED UK RETAIL CENTRES
– SALES

ENGLAND	COUNTY	CITY/TOWN	TELEPHONE
Force 4	Avon	Bristol	0117 9268396
Marine Electronic Services	Avon	Bristol	0870 1221099
John Bridger Marine	Devon	Exeter	01392 250970
Force 4	Dorset	Poole	01202 723311
TCS Chandlery Ltd	Essex	Wallasea Island	01702 258604
TCS Chandlery Ltd	Essex	Grays	01375 374702
TCS Chandlery Ltd	Essex	Southend On Sea	01702 444423
Sea Teach Ltd	Hampshire	Emsworth	01243 375774
Force 4 (Mercury Marina)	Hampshire	Hamble	02380 454849
Force 4	Hampshire	Hamble Point	02380 455058
BHG Marine	Hampshire	Lymington	01590 613600
Force 4	Hampshire	Lymington	01590 673698
Force 4	Hampshire	Port Hamble	02380 454858
Marine Super Store Ltd	Hampshire	Portsmouth	02392 219843
Force 4	Hampshire	Bursledon	02380 402182
Kelvin Hughes	Hampshire	Southampton	02380 634911
Force 4	Hampshire	Swanick	01489 881825
Shipsides Marine (UK) Ltd	Lancashire	Preston	01772 797079
Cactus Navigation	London	London	02078 333435
Lindon Lewis	Middlesex	Shepperton	01932 247427
Fox's Marina (Ipswich) Ltd	Suffolk	Ipswich	01473 695127
Force 4	West Sussex	Chichester	01243 773788

CHANNEL ISLANDS	COUNTY	CITY/TOWN	TELEPHONE
Southpier Marine	Jersey	St. Hellier	01534 711007
Seaquest Marine Ltd	Guernsey	St Peter Port	01481 721773

SCOTLAND	COUNTY	CITY/TOWN	TELEPHONE
Duncan Yacht Chandlers	Scotland	Glasgow	01414 296044
Gael Force Marine	Scotland	Inverness	01463 229397
Caley Marina	Scotland	Inverness	01463 236539

WALES	COUNTY	CITY/TOWN	TELEPHONE
Dickies	Wales	Bangor	01248 363400
Force 4	Wales	Cardiff	02920 787190

NORTHERN IRELAND	COUNTY	CITY/TOWN	TELEPHONE
Gulfstream Marine	Northern Ireland	Derry	02871 36 8779
CH Marine NI Ltd	Northern Ireland	Newtonards	02891 828405
CH Marine NI Ltd	Northern Ireland	Newry	02830 835870
CH Marine NI Ltd	Northern Ireland	Kilkeel	02841 762655

REPUBLIC OF IRELAND	COUNTY	CITY/TOWN	TELEPHONE
CH Marine	Co Cork	Cork	+353 (0)21 4315058
CH Marine	Co Cork	Skibbereen	+353 (0)28 23190
Marine Motors	Co Cork	Little Island	+353 (0)21 4354217
Union Chandlery	Co Cork	Cork	+353 (0)21 4554334
Marine Suppliers	Co Dublin	Howth	+353 (0)1 8325835
Union Chandlery	Co Dublin	Malahide	+353 (0)1 8457231
Western Marine	Co Dublin	Dalkey	+353 (0)1 2800321
Dinghy Supplies	Co Dublin	Sutton	+353 (0)1 8322312
Marine Parts Direct	Co Dublin	Swords	+353 (0)1 8075144
Yachtronics	Co Dublin	Baily	+353 (0)1 8395222
Professional Communications	Co Galway	Oranmore	+353 (0)91 790222
O'Sullivans Marine	Co Kerry	Tralee	+353 (0)66 7124524
Kehoe Marine	Co Wexford	Wexford	+353 (0)53 9129791

APPROVED USA SERVICE DEALERS
– SERVICE AND TECHNICAL SUPPORT

If you are travelling to the United States, please contact the number below to find your nearest service and technical support centre.

Garmin International, Inc
1200 East 151st Street, Olathe, Kansas 66062, USA

Calls from outside the US: 001-913-397-8200

Toll Free calls from within the US: 1-800-800-1020

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